The Strait of Georgia Ichthyoplankton Survey, 1980. Ichthyoplankton.

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THE STRAIT OF GEORGIA ICHTHYOPLANKTON SURVEY, 1980. ICHTHYOPLANKTON.

by

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ABSTRACT

Mason, J. C., O. D. Kennedy, and A. C. Phillips. 1982. The Strait of Georgia Ichthyoplankton Survey, 1980. Ichthyoplankton. Can. Data Rep. Fish. Aquat. Sci. No. 361: iii + 553 p.

This report contains a compilation of corrected catches of juvenile fishes, fish eggs and fish larvae by station.

These cruises consisted of two main types, short one-day cruises to ascertain the onset of spawning, and longer cruises covering the straits for distributional patterns and total biomass estimates.

Oblique tows were made using 0.25 m^2 Bongos equipped with 351 micron Nitex nets of modified SCOR design. All sampling gear was black to minimize potential avoidance and resulting catch bias. The tow procedure generally followed that established by CALCOFI.

Key words: Ichthyoplankton, Strait of Georgia.

RESUME

Mason, J. C., O. D. Kennedy, and A. C. Phillips. 1982. The Strait of Georgia Ichthyoplankton Survey, 1980. Ichthyoplankton. Can. Data Rep. Fish. Aquat. Sci. No. 361: iii + 553 p.

Le présent rapport contient une compilation par station, des prises corrigées de poissons juvéniles, d'oeufs et de larves de poissons.

Ces expéditions sont de deux types principaux, soit de courtes sorties d'une journée afin d'établir le début de la fraie et de plus longues expéditions portant sur toute l'étendue des détroits afin de déterminer les régimes de répartition et évaluer la biomasse totale.

Des traits obliques ont été effectués à l'aide d'engins de type bongo de 0,25 m^2, munis de filets Nitex de 351 microns de conception CRSO modifiée. Tout l'équipement d'échantillonnage est de couleur noire afin de d'inexactitude pour les prises. La méthode de chalutage suit généralement celle établie pour le programme CALCOFI.

Mots-clés: ichthyoplancton, détroit de Géorgie

ORIENTATION AND METHODOLOGY

The Strait of Georgia Ichthyoplankton Survey (1980) was conducted by staff of the Groundfish Program of the Pacific Biological Station, Nanaimo (Fisheries Research Branch). The survey involved 13 cruises of from one to eight days each between January 31 and July 15. The present report concerns all oblique tows taken in the central and southern Strait of Georgia plus those taken in one northern cruise (north of Texada Island) to establish the northern spawning limits of the hake and pollock stocks in the Strait.

The 1980 survey could be categorized into two main types of cruises. The first would be those used to define the spatial and temporal limits of spawning (Cruises 1, 2, 3, 4, 5, 7, and 13; Fig. 1). The remainder were primarily designed to detect distribution patterns and to give an estimate of total biomass. The latter series (Cruises 6, 8, 9, 11, and 12) covered the straits with 90 stations being occupied every 10-16 days (Fig. 2). The northern cruise track is given in Fig. 3. The stations are listed by grid number, location (latitude and longitude) and depth in Table I.

All tows were made using 0.25 m^2 Bongos equipped with 351 micron Nitex nets of modified SCOR design, and General Oceanics center-mounted flow meters. A 90-kg cylindrical weight was suspended from the yoke of the Bongos. All sampling gear was black to minimize potential avoidance and resulting catch bias.

The tow procedure for oblique tows generally followed that established by CALCOFI: vessel speed of 1 m/s, gear descent at a cable pay-out rate of 50 m/min, and gear ascent at a cable recovery rate of 20 m/min. Tows were made to within 20 m of the sea floor at all stations.

The recovered nets were thoroughly washed down with a high-pressure deck hose and the resulting catches were preserved in 5% buffered seawater formaldehyde for processing ashore. In the laboratory, fish, fish eggs and larvae, euphausiids and other selected invertebrate groups were extracted from one-net catches. The entire catches from the other net were retained in a raw reference collection for future use.

The following data base consists of corrected catches of juvenile fishes, fish eggs and fish larvae, identified to the lowest possible systematic categories considering the present state of knowledge of Canadian Pacific ichthyoplankton.

Sampling station locations.

Grid No.	Location		Depth (m)
85.35	49° 22.8'N	124° 10.3'W	350
84.31	49° 25.6'N	124° 05.6'W	348
84.29	49° 27.2'N	124° 03.9'W	293
82.36	49° 20.3'N	124° 07.9'W	384
82.33	49° 22.8'N	124° 04.8'W	250
81.30	49° 24.7'N	124° 01.0'W	400
81.27	49° 27.2'N	123° 58.4'W	210
79.36.5	49° 18.2'N	124° 04.0'W	293
79.34	49° 20.3'N	124° 01.9'W	403
79.29	49° 24.4'N	123° 57.6'W	330
78.32	49° 21.4'N	123° 58.9'W	232
78.25	49° 27.2'N	123° 52.9'W	210
76.37	49° 16.1'N	124° 00.6'W	206
76.34	49° 18.6'N	123° 58.1'W	412
76.30	49° 21.9'N	123° 54.7'W	360
76.27	49° 24.4'N	123° 52.1'W	192
74.36	49° 15.8'N	123° 57.3'W	315
74.33	49° 18.3'N	123° 54.7'W	418
74.28	49° 22.5'N	123° 50.4'W	255
73.24	49° 25.2'N	123° 45.8'W	174
72.30	49° 19.7'N	123° 49.6'W	403
71.5.27	49° 21.9'N	123° 46.4'W	137
71.36	49° 14.2'N	123° 53.5'W	200
71.33	49° 16.6'N	123° 50.9'W	403
69.32	49° 16.3'N	123° 47.5'W	418
69.29	49° 18.8'N	123° 45.0'W	320
69.26	49° 21.3'N	123° 42.4'W	210
68.35	49° 13.3'N	123° 48.8'W	195
68.23	49° 23.2'N	123° 38.6'W	186
67.27	49° 19.4'N	123° 40.7'W	195
66.33	49° 13.8'N	123° 44.6'W	403
66.29	49° 17.2'N	123° 41.2'W	285
64.5.35	49° 11.3'N	123° 44.4'W	201
64.5.22	49° 22.1'N	123° 33.3'W	156
64.33	49° 12.7'N	123° 42.0'W	395
64.29	49° 16.0'N	123° 38.6'W	320
64.25	49° 19.3'N	123° 35.2'W	175
62.35	49° 10.0'N	123° 41.2'W	165
62.31	49° 13.3'N	123° 37.8'W	375
62.27	49° 16.6'N	123° 34.4'W	330
62.22	49° 20.7'N	123° 30.1'W	210
61.25	49° 17.7'N	123° 31.4'W	201
59.31	49° 11.6'N	123° 34.0'W	340
59.27	49° 14.9'N	123° 30.6'W	348
59.24	49° 17.4'N	123° 28.0'W	170
59.21.5	49° 19.5'N	123° 25.9'W	220
58.35	49° 07.7'N	123° 36.2'W	220
56.33	49° 08.3'N	123° 31.9'W	375
56.29	49° 11.6'N	123° 28.5'W	329

Sampling station locations (cont'd).

Grid No.	Location		Depth (m)
56.23	49° 16.5'N	123° 23.4'W	250
56.20	49° 19.0'N	123° 20.8'W	220
54.26	49° 12.9'N	123° 23.4'W	285
53.35	49° 04.9'N	123° 29.8'W	330
53.29	49° 09.9'N	123° 24.7'W	235
53.23	49° 14.9'N	123° 19.6'W	175
52.38	49° 01.9'N	123° 31.1'W	240
51.32	49° 06.3'N	123° 24.7'W	265
51.26	49° 11.3'N	123° 19.6'W	192
50.35	49° 03.3'N	123° 26.0'W	310
49.38	49° 00.2'N	123° 27.3'W	240
48.33	49° 03.8'N	123° 21.8'W	230
46.39	48° 57.7'N	123° 24.4'W	230
46.36	49° 00.2'N	123° 21.8'W	250
46.33	49° 02.7'N	123° 19.3'W	210
44.33	49° 01.6'N	123° 16.7'W	130
43.39.5	48° 55.6'N	123° 21.0'W	195
43.37	48° 57.7'N	123° 18.9'W	200
41.35	48° 58.2'N	123° 14.7'W	155
40.39	48° 54.4'N	123° 16.8'W	192
40.37	48° 56.0'N	123° 15.1'W	160
38.35	48° 56.5'N	123° 10.9'W	130
37.39.5	48° 52.3'N	123° 13.4'W	210
36.37	48° 53.8'N	123° 10.0'W	135
36.34	48° 56.3'N	123° 07.5'W	120
34.39.5	48° 50.6'N	123° 09.6'W	210
33.37	48° 52.1'N	123° 06.2'W	137
33.35	48° 53.8'N	123° 04.5'W	125
32.40	48° 49.1'N	123° 07.5'W	146
31.38.5	48° 49.7'N	123° 05.0'W	200
31.36	48° 51.8'N	123° 02.9'W	175
31.33	48° 54.3'N	123° 00.3'W	145
29.38.5	48° 48.6'N	123° 02.5'W	183
29.32	48° 54.0'N	122° 56.9'W	120
28.5.34.5	48° 51.7'N	122° 58.4'W	215
28.37	48° 49.3'N	122° 59.9'W	240
27.5.33	48° 52.3'N	122° 55.9'W	130
27.35.5	48° 50.0'N	122° 57.4'W	220
26.38	48° 47.4'N	122° 58.2'W	210
26.34	48° 50.7'N	122° 54.8'W	192
25.36	48° 48.5'N	122° 55.3'W	210

Sampling station locations (cont'd).

Grid No.	Location		Depth (m)
	Cruise 1		
68.33			395
68.33			390
68.33			390
68.31			400
68.29	49° 18.3'N	123° 43.7'W	305
66.29	49° 17.2'N	123° 41.5'W	280
66.31	49° 15.5'N	123° 42.9'W	390
66.33	49° 13.8'N	123° 44.6'W	385
64.33	49° 12.7'N	123° 42.0'W	360
64.31	49° 14.4'N	123° 40.3'W	385
64.29	49° 16.0'N	123° 38.6W	325
	Cruise 5		
75.36	49° 16.4'N	123° 58.5'W	290
78.35	49° 18.9'N	124° 01.5'W	412
84.35	49° 22.2'N	124° 09.1'W	292
81.33	49° 22.2'N	124° 03.6'W	236
84.31	49° 25.6'N	124° 05.6'W	330
84.28	49° 28.0'N	124° 03.1'W	340
81.30	49° 24.7'N	124° 01.0'W	401
77.29	49° 23.3'N	123° 55.1'W	340
78.32	49° 21.4'N	123° 58.9'W	302
75.33	49° 18.9'N	123° 56.0'W	403
71.36	49° 14.2'N	123° 53.5'W	201
66.33	49° 13.8'N	123° 44.6'W	400
63.34	49° 11.3'N	123° 41.6'W	242
62.31	49° 13.3'N	123° 37.8'W	384
59.32	49° 10.8'N	123° 34.9'W	384
56.33	49° 08.3'N	123° 31.9'W	374
53.35	49° 04.9'N	123° 29.8'W	334
52.38	49° 01.9'N	123° 31.1'W	234
49.38	49° 00.2'N	123° 27.3'W	236
46.39	48° 57.7'N	123° 24.4'W	220
43.39	48° 56.0'N	123° 20.6'W	200
39.39	48° 53.8'N	123° 15.5'W	206
46.36	49° 00.2'N	123° 21.8'W	236
48.33	48° 47.2'N	123° 38.9'W	236
51.32	49° 06.3'N	123° 24.7'W	258
53.29	49° 09.9'N	123° 24.7'W	245
55.26	49° 13.5'N	123° 24.7'W	280
60.27	49° 15.5'N	123° 31.9'W	340
63.29	49° 15.5'N	123° 37.4'W	357
66.29	49° 17.2'N	123° 41.2'W	285
69.29	49° 18.8'N	123° 45.0'W	329
69.32	49° 16.3'N	123° 47.5'W	403
72.30	49° 19.7'N	123° 49.6'W	387

Sampling station locations (cont'd).

Grid No.	Location		Depth (m)
74.28	49° 22.5'N	123° 50.4'W	293
72.33	49° 17.2'N	123° 52.2'W	420
	Cruise 7		
83.29	49° 26.3'N	124° 03.8'W	385
86.27	49° 29.5'N	124° 05.7'W	410
90.25	49° 34.0'N	124° 08.5'W	375
	49° 37.7'N	124° 13.4'W	350
	49° 41.4'N	124° 18.1'W	310
	49° 44.2'N	124° 24.1'W	300
	49° 46.3'N	124° 30.7'W	310
	49° 49.9'N	124° 36.2'W	240
	49° 50.4'N	124° 44.9'W	150
	49° 52.2'N	124° 52.0'W	265
	49° 52.0'N	124° 57.6'W	280
	49° 49.0'N	124° 52.2'W	300
	49° 46.1'N	124° 46.4'W	335
	49° 43.1'N	124° 40.8'W	325
	49° 40.1'N	124° 35.2'W	350
	49° 37.1'N	124° 29.4'W	275
	49° 34.3'N	124° 23.2'W	335
	49° 30.8'N	124° 27.6'W	185
	49° 27.8'N	124° 29.6'W	300
	49° 25.8'N	124° 23.9'W	330
90.36	49° 24.3'N	124° 18.4'W	330
85.35	49° 22.4'N	124° 11.6'W	320

TABLE:	1	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 1	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	31/ 1/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	470 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	6.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	21.	100.0	44.7	126.4
TOTAL	21.	100.0	44.7	126.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	6.4	18.1
TOTAL	3.	100.0	6.4	18.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	4.3	12.0
TOTAL	2.	100.0	4.3	12.0

TABLE:	2				
CRUISE:	SG 80- 1	WIND DIRECTION:	135 DEG		
SAMPLE NO.:	2	WIND VELOCITY:	2 MPS	TOW SPEED:	1 MPS
DATE:	31/ 1/80	WAVE HEIGHT:		TYPE OF TOW:	OBLIQUE
VESSEL:	DECIBAR	SWELL HEIGHT:		GEAR TYPE:	BONGO .25 M2
POSITION:	49 16.6 N 123 45.4 W	SURFACE TEMP:		MESH SIZE:	.351 MM
GRID POSITION:	68 . 31	STD NUMBER:		VOL. FILTERED:	499 M3
BOTTOM DEPTH:	395 M	BT/XBT NUMBER:		DISP. VOLUME:	
		TIME OF TOW:	1145 HR	PLANKTON CONC.:	
		DEPTH OF TOW:	390 M	ALIQUOT:	
				S.H.F.:	7.82

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	4.0	15.6
TOTAL	2.	100.0	4.0	15.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	100.0	14.0	54.7
TOTAL	7.	100.0	14.0	54.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	6.0	23.5
ZOARCIDAE(FAMILY)	1.	25.0	2.0	7.8
TOTAL	4.	100.0	8.0	31.3

TABLE:	3	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	604 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	1137 HR	ALIQUOT:	
		DEPTH OF TOW:	306 M	S.H.F.:	5.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	100.0	13.2	40.6
TOTAL	8.	100.0	13.2	40.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	100.0	16.6	50.7
TOTAL	10.	100.0	16.6	50.7

TABLE:	4	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	543 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	1417 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	5.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	100.0	22.1	65.8
TOTAL	12.	100.0	22.1	65.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	76.2	29.5	87.7
MERLUCCIUS PRODUCTUS	2.	9.5	3.7	11.0
SCORPAENIDAE(FAMILY)	2.	9.5	3.7	11.0
CYCLOPTERIDAE(FAMILY)	1.	4.8	1.8	5.5
TOTAL	21.	100.0	38.7	115.1

TABLE:	5	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	508 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	381 M	S.H.F.:	7.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	11.8	45.0
MERLUCCIUS PRODUCTUS	1.	12.5	2.0	7.5
THERAGRA CHALCOGRAMMA	1.	12.5	2.0	7.5
TOTAL	8.	100.0	15.7	60.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	3.9	15.0
TOTAL	2.	100.0	3.9	15.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	3.9	15.0
TOTAL	2.	100.0	3.9	15.0

TABLE:	6	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	553 M3
POSITION:	49 16.6 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	360 M	S.H.F.:	6.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	62.	96.9	112.1	403.6
MERLUCCIUS PRODUCTUS	2.	3.1	3.6	13.0
TOTAL	64.	100.0	115.7	416.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	4.2	1.8	6.5
LEUROGLOSSUS STILBIUS	23.	95.8	41.6	149.7
TOTAL	24.	100.0	43.4	156.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	5.4	19.5
TOTAL	3.	100.0	5.4	19.5

TABLE:	7	WIND DIRECTION:	
CRUISE:	SG 80- 2	WIND VELOCITY:	
SAMPLE NO.:	3	WAVE HEIGHT:	
DATE:	12/ 2/80	SWELL HEIGHT:	
VESSEL:	DECIBAR	SURFACE TEMP:	
POSITION:	49 18.3 N 123 43.7 W	STD NUMBER:	
GRID POSITION:	68 . 29	BT/XBT NUMBER:	
BOTTOM DEPTH:	305 M	TIME OF TOW:	1355 HR
		DEPTH OF TOW:	290 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	412 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	7.04

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	35.7	24.3	70.4
LEUROGLOSSUS STILBIUS	13.	46.4	31.6	91.5
MERLUCCIUS PRODUCTUS	4.	14.3	9.7	28.2
THERAGRA CHALCOGRAMMA	1.	3.6	2.4	7.0
TOTAL	28.	100.0	68.0	197.1

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	92.3	29.1	84.5
MERLUCCIUS PRODUCTUS	1.	7.7	2.4	7.0
TOTAL	13.	100.0	31.6	91.5

TABLE: 8
CRUISE: SG 80- 2
SAMPLE NO.: 4
DATE: 12/ 2/80
VESSEL: DECIBAR
POSITION: 49 17.2 N 123 41.2 W
GRID POSITION: 66 . 29
BOTTOM DEPTH: 280 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1440 HR
DEPTH OF TOW: 257 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 397 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 6.47

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	30.6	27.7	71.2
LEUROGLOSSUS STILBIUS	25.	69.4	63.0	161.8
TOTAL	36.	100.0	90.7	232.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	100.0	15.1	38.8
TOTAL	6.	100.0	15.1	38.8

TABLE:	9	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	491 M3
POSITION:	49 15.5 N 123 42.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	1525 HR	ALIQUOT:	
		DEPTH OF TOW:	357 M	S.H.F.:	7.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	11.9	10.2	36.3
LEUROGLOSSUS STILBIUS	32.	76.2	65.2	232.6
MERLUCCIUS PRODUCTUS	5.	11.9	10.2	36.3
TOTAL	42.	100.0	85.5	305.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	100.0	26.5	94.5
TOTAL	13.	100.0	26.5	94.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
NECTOLIPARIS PELAGICUS	1.	100.0	2.0	7.3
TOTAL	1.	100.0	2.0	7.3

TABLE:	10	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	497 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	1615 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	7.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	92.6	50.3	185.3
MERLUCCIUS PRODUCTUS	2.	7.4	4.0	14.8
TOTAL	27.	100.0	54.3	200.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	89.5	34.2	126.0
MERLUCCIUS PRODUCTUS	1.	5.3	2.0	7.4
SCORPAENIDAE(FAMILY)	1.	5.3	2.0	7.4
TOTAL	19.	100.0	38.2	140.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.0	7.4
ZOARCIDAE(FAMILY)	1.	50.0	2.0	7.4
TOTAL	2.	100.0	4.0	14.8

TABLE:	11	WIND DIRECTION:	45 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 2/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	496 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	360 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	333 M	S.H.F.:	6.72

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.9	2.0	6.7
LEUROGLOSSUS STILBIUS	49.	94.2	98.8	329.3
MERLUCCIUS PRODUCTUS	2.	3.8	4.0	13.4
TOTAL	52.	100.0	104.8	349.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	100.0	32.3	107.5
TOTAL	16.	100.0	32.3	107.5

TABLE:	12	WIND DIRECTION:	45 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 2/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	545 M3
POSITION:	49 14.4 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	6.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	69.2	33.0	117.2
LEUROGLOSSUS STILBIUS	6.	23.1	11.0	39.1
MERLUCCIUS PRODUCTUS	2.	7.7	3.7	13.0
TOTAL	26.	100.0	47.7	169.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	100.0	18.3	65.1
TOTAL	10.	100.0	18.3	65.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	1.8	6.5
TOTAL	1.	100.0	1.8	6.5

TABLE:	13	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 2	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 2/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	380 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1210 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	8.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	139.	90.3	365.8	1144.0
LEUROGLOSSUS STILBIUS	10.	6.5	26.3	82.3
MERLUCCIUS PRODUCTUS	5.	3.2	13.2	41.1
TOTAL	154.	100.0	405.3	1267.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	100.0	26.3	82.3
TOTAL	10.	100.0	26.3	82.3

TABLE:	14	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	504 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	1540 HR	ALIQUOT:	
		DEPTH OF TOW:	364 M	S.H.F.:	7.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	69.0	39.7	144.4
MERLUCCIUS PRODUCTUS	9.	31.0	17.9	65.0
TOTAL	29.	100.0	57.5	209.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	100.0	19.8	72.2
TOTAL	10.	100.0	19.8	72.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	2.0	7.2
ZOARCIDAE(FAMILY)	1.	33.3	2.0	7.2
NECTOLIPARIS PELAGICUS	1.	33.3	2.0	7.2
TOTAL	3.	100.0	6.0	21.7

TABLE:	15	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	484 M3
POSITION:	49 16.6 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	1440 HR	ALIQUOT:	
		DEPTH OF TOW:	356 M	S.H.F.:	7.36

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	10.8	8.3	29.4
LEUROGLOSSUS STILBIUS	32.	86.5	66.1	235.5
MERLUCCIUS PRODUCTUS	1.	2.7	2.1	7.4
TOTAL	37.	100.0	76.4	272.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	90.9	20.7	73.6
SCORPAENIDAE(FAMILY)	1.	9.1	2.1	7.4
TOTAL	11.	100.0	22.7	81.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	6.2	22.1
TOTAL	3.	100.0	6.2	22.1

TABLE:	16	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	433 M3
POSITION:	49 18.3 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1630 HR	ALIQUOT:	
		DEPTH OF TOW:	337 M	S.H.F.:	7.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	47.8	25.4	85.7
MERLUCCIUS PRODUCTUS	12.	52.2	27.7	93.5
TOTAL	23.	100.0	53.1	179.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	100.0	18.5	62.3
TOTAL	8.	100.0	18.5	62.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.3	7.8
TOTAL	1.	100.0	2.3	7.8

TABLE:	17	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY: 4 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	22/ 2/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	DECIBAR	SURFACE TEMP:	VOL. FILTERED: 394 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	66 . 33	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	360 M	TIME OF TOW: 1018 HR	ALIQUOT:
		DEPTH OF TOW: 361 M	S.H.F.: 9.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.0	2.5	9.2
LEUROGLOSSUS STILBIUS	38.	74.5	96.4	348.5
MERLUCCIUS PRODUCTUS	8.	15.7	20.3	73.4
THERAGRA CHALCOGRAMMA	4.	7.8	10.2	36.7
TOTAL	51.	100.0	129.4	467.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	100.0	38.1	137.6
TOTAL	15.	100.0	38.1	137.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.5	9.2
TOTAL	1.	100.0	2.5	9.2

TABLE:	18	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	492 M3
POSITION:	49 15.5 N 123 42.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1110 HR	ALIQUOT:	
		DEPTH OF TOW:	365 M	S.H.F.:	7.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	5.9	48.8	178.1
MERLUCCIUS PRODUCTUS	300.	74.1	609.8	2226.0
THERAGRA CHALCOGRAMMA	81.	20.0	164.6	601.0
TOTAL	405.	100.0	823.2	3005.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	100.0	34.6	126.1
TOTAL	17.	100.0	34.6	126.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	4.1	14.8
NECTOLIPARIS PELAGICUS	1.	33.3	2.0	7.4
TOTAL	3.	100.0	6.1	22.3

TABLE:	19	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	440 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	260 M	TIME OF TOW:	1200 HR	ALIQUOT:	
		DEPTH OF TOW:	288 M	S.H.F.:	6.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	1.0	36.4	104.5
MERLUCCIUS PRODUCTUS	1602.	98.3	3640.9	10461.1
THERAGRA CHALCOGRAMMA	12.	0.7	27.3	78.4
TOTAL	1630.	100.0	3704.5	10643.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	93.8	34.1	98.0
SCORPAENIDAE(FAMILY)	1.	6.3	2.3	6.5
TOTAL	16.	100.0	36.4	104.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	50.0	2.3	6.5
MYCTOPHIDAE(FAMILY)	1.	50.0	2.3	6.5
TOTAL	2.	100.0	4.5	13.1

TABLE:	20	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	475 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	287 M	S.H.F.:	6.04

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	4.2	12.1
LEUROGLOSSUS STILBIUS	34.	4.0	71.6	205.4
MERLUCCIUS PRODUCTUS	695.	82.6	1463.2	4197.8
THERAGRA CHALCOGRAMMA	110.	13.1	231.6	664.4
TOTAL	841.	100.0	1770.5	5079.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	93.8	31.6	90.6
MERLUCCIUS PRODUCTUS	1.	6.3	2.1	6.0
TOTAL	16.	100.0	33.7	96.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	4.2	12.1
MYCTOPHIDAE(FAMILY)	1.	25.0	2.1	6.0
NECTOLIPARIS PELAGICUS	1.	25.0	2.1	6.0
TOTAL	4.	100.0	8.4	24.2

TABLE:	21
CRUISE:	SG 80- 3
SAMPLE NO.:	8
DATE:	22/ 2/80
VESSEL:	DECIBAR
POSITION:	49 14.4 N 123 40.3 W
GRID POSITION:	64 . 31
BOTTOM DEPTH:	375 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	7 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1330 HR
DEPTH OF TOW:	359 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	507 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	7.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	64.	65.3	126.2	453.8
MERLUCCIUS PRODUCTUS	27.	27.6	53.3	191.4
THERAGRA CHALCOGRAMMA	7.	7.1	13.8	49.6
TOTAL	98.	100.0	193.3	694.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	100.0	11.8	42.5
TOTAL	6.	100.0	11.8	42.5

TABLE:	22	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 3	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	414 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	366 M	TIME OF TOW:	1425 HR	ALIQUOT:	
		DEPTH OF TOW:	341 M	S.H.F.:	8.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	43.	53.1	103.9	353.9
MERLUCCIUS PRODUCTUS	38.	46.9	91.8	312.7
TOTAL	81.	100.0	195.7	666.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	39.	100.0	94.2	321.0
TOTAL	39.	100.0	94.2	321.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.4	8.2
TOTAL	1.	100.0	2.4	8.2

TABLE:	23	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	342 M3
POSITION:	49 15.0 N 123 47.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	383 M	S.H.F.:	11.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	11.7	96.5	369.6
MERLUCCIUS PRODUCTUS	86.	30.4	251.5	963.2
THERAGRA CHALCOGRAMMA	164.	58.0	479.5	1836.8
TOTAL	283.	100.0	827.5	3169.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	27.	96 4	78.9	302.4
MERLUCCIUS PRODUCTUS	1.	3.6	2.9	11.2
TOTAL	28.	100.0	81.9	313.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	5.8	22.4
MYCTOPHIDAE(FAMILY)	1.	33.3	2.9	11.2
TOTAL	3.	100.0	8.8	33.6

TABLE:	24	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	366 M3
POSITION:	49 16.6 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	386 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	383 M	S.H.F.:	10.45

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	35.	21.9	95.6	365.8
MERLUCCIUS PRODUCTUS	50.	31.3	136.6	522.5
MICROGADUS PROXIMUS	1.	0.6	2.7	10.4
THERAGRA CHALCOGRAMMA	74.	46.3	202.2	773.3
TOTAL	160.	100.0	437.2	1672.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	88.2	41.0	156.8
MERLUCCIUS PRODUCTUS	1.	5.9	2.7	10.4
THERAGRA CHALCOGRAMMA	1.	5.9	2.7	10.4
TOTAL	17.	100.0	46.4	177.6

TABLE:	25	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 18.3 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	311 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	295 M	S.H.F.:	10.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	36.	56.3	126.8	374.4
MERLUCCIUS PRODUCTUS	15.	23.4	52.8	156.0
THERAGRA CHALCOGRAMMA	13.	20.3	45.8	135.2
TOTAL	61.	100.0	225.4	665.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	71.4	35.2	104.0
SCORPAENIDAE(FAMILY)	4.	28.6	14.1	41.6
TOTAL	14.	100.0	49.3	145.6

TABLE:	26	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	272 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1215 HR	ALIQUOT:	
		DEPTH OF TOW:	271 M	S.H.F.:	9.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	31.4	121.3	328.7
MERLUCCIUS PRODUCTUS	35.	33.3	128.7	348.6
THERAGRA CHALCOGRAMMA	37.	35.2	13C.0	368.5
TOTAL	105.	100.0	386.0	1045.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	84.2	58.8	159.4
MERLUCCIUS PRODUCTUS	1.	5.3	3.7	10.0
THERAGRA CHALCOGRAMMA	1.	5.3	3.7	10.0
SCORPAENIDAE(FAMILY)	1.	5.3	3.7	10.0
TOTAL	19.	100.0	69.9	189.2

TABLE:	27	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	355 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1300 HR	ALIQUOT:	
		DEPTH OF TOW:	306 M	S.H.F.:	8.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	47.	6.5	132.4	405.1
MERLUCCIUS PRODUCTUS	386.	53.1	1087.3	3327.3
MICROGADUS PROXIMUS	5.	0.7	14.1	43.1
THERAGRA CHALCOGRAMMA	289.	39.8	814.1	2491.2
TOTAL	727.	100.0	2047.9	6266.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	81.0	47.9	146.5
MERLUCCIUS PRODUCTUS	2.	9.5	5.6	17.2
THERAGRA CHALCOGRAMMA	2.	9.5	5.6	17.2
TOTAL	21.	100.0	59.2	181.0

TABLE:	28	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	476 M3
POSITION:	49 14.4 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1345 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	7.46

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.6	12.6	44.8
LEUROGLOSSUS STILBIUS	92.	9.9	193.3	686.3
MERLUCCIUS PRODUCTUS	342.	36.6	718.5	2551.3
THERAGRA CHALCOGRAMMA	494.	52.9	1037.8	3685.2
TOTAL	934.	100.0	1962.2	6967.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	21.	100.0	44.1	156.7
TOTAL	21.	100.0	44.1	156.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	80.0	8.4	29.8
ZOARCIDAE(FAMILY)	1.	20.0	2.1	7.5
TOTAL	5.	100.0	10.5	37.3

TABLE:	29	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	372 M3
POSITION:	49 15.5 N 123 42.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	0945 HR	ALIQUOT:	
		DEPTH OF TOW:	378 M	S.H.F.:	10.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	2.7	10.2
LEUROGLOSSUS STILBIUS	32.	9.8	86.0	325.1
MERLUCCIUS PRODUCTUS	47.	14.3	126.3	477.5
THERAGRA CHALCOGRAMMA	248.	75.6	666.7	2519.7
TOTAL	328.	100.0	881.7	3332.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	30.	96.8	80.6	304.8
MERLUCCIUS PRODUCTUS	1.	3.2	2.7	10.2
TOTAL	31.	100.0	83.3	315.0

TABLE:	30	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 4	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 2/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	298 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	393 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	9.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.4	9.5
LEUROGLOSSUS STILBIUS	89.	10.9	298.7	845.5
MERLUCCIUS PRODUCTUS	190.	23.2	637.6	1805.0
THERAGRA CHALCOGRAMMA	540.	65.9	1812.1	5130.0
TOTAL	820.	100.0	2751.7	7790.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	82.8	80.5	228.0
MERLUCCIUS PRODUCTUS	1.	3.4	3.4	9.5
THERAGRA CHALCOGRAMMA	2.	6.9	6.7	19.0
SCORPAENIDAE(FAMILY)	2.	6.9	6.7	19.0
TOTAL	29.	100.0	97.3	275.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.4	9.5
TOTAL	1.	100.0	3.4	9.5

TABLE: 31	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80- 4	WIND VELOCITY: 6 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 9	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 29/ 2/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 434 M3
POSITION: 49 13.8 N 123 44.6 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 66 . 33	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 387 M	TIME OF TOW: 1125 HR	ALIQUOT:
	DEPTH OF TOW: 328 M	S.H.F.: 7.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	1.7	16.1	52.9
LEUROGLOSSUS STILBIUS	76.	18.2	175.1	573.8
MERLUCCIUS PRODUCTUS	97.	23.3	223.5	732.4
THERAGRA CHALCOGRAMMA	237.	56.8	546.1	1789.4
TOTAL	417.	100.0	960.8	3148.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	38.	92.7	87.6	286.9
MERLUCCIUS PRODUCTUS	1.	2.4	2.3	7.6
THERAGRA CHALCOGRAMMA	1.	2.4	2.3	7.6
SCORPAENIDAE(FAMILY)	1.	2.4	2.3	7.6
TOTAL	41.	100.0	94.5	309.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MYCTOPHIDAE(FAMILY)	1.	100.0	2.3	7.6
TOTAL	1.	100.0	2.3	7.6

TABLE:	32	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	240 M3
POSITION:	49 16.4 N 123 58.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	75 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	290 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	273 M	S.H.F.:	11.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	72.7	66.7	181.4
MERLUCCIUS PRODUCTUS	2.	9.1	8.3	22.7
THERAGRA CHALCOGRAMMA	4.	18.2	16.7	45.4
TOTAL	22.	100.0	91.7	249.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	90.0	37.5	102.1
THERAGRA CHALCOGRAMMA	1.	10.0	4.2	11.3
TOTAL	10.	100.0	41.7	113.4

TABLE:	33	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	392 M3
POSITION:	49 18.9 N 124 1.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	412 M	TIME OF TOW:	0915 HR	ALIQUOT:	
		DEPTH OF TOW:	416 M	S.H.F.:	10.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	23.	82.1	58.7	244.3
MERLUCCIUS PRODUCTUS	4.	14.3	10.2	42.5
THERAGRA CHALCOGRAMMA	1.	3.6	2.6	10.6
TOTAL	28.	100.0	71.4	297.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	100.0	20.4	85.0
TOTAL	8.	100.0	20.4	85.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.6	10.6
TOTAL	1.	100.0	2.6	10.6

TABLE:	34				
CRUISE:	SG 80- 5	WIND DIRECTION:	315 DEG		
SAMPLE NO.:	3	WIND VELOCITY:	7 MPS	TOW SPEED:	1 MPS
DATE:	3/ 3/80	WAVE HEIGHT:		TYPE OF TOW:	OBLIQUE
VESSEL:	CALIGUS	SWELL HEIGHT:		GEAR TYPE:	BONGO .25 M2
POSITION:	49 22.2 N 124 9.1 W	SURFACE TEMP:		MESH SIZE:	.351 MM
GRID POSITION:	84 . 35	STD NUMBER:		VOL. FILTERED:	408 M3
BOTTOM DEPTH:	292 M	BT/XBT NUMBER:		DISP. VOLUME:	
		TIME OF TOW:	1045 HR	PLANKTON CONC.:	
		DEPTH OF TOW:	252 M	ALIQUOT:	
				S.H.F.:	6.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	73.3	53.9	136.0
MERLUCCIUS PRODUCTUS	2.	6.7	4.9	12.4
THERAGRA CHALCOGRAMMA	6.	20.0	14.7	37.1
TOTAL	30.	100.0	73.5	185.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	81.8	22.1	55.6
SCORPAENIDAE(FAMILY)	1.	9.1	2.5	6.2
CYCLOPTERIDAE(FAMILY)	1.	9.1	2.5	6.2
TOTAL	11.	100.0	27.0	68.0

TABLE:	35	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	213 M3
POSITION:	49 22.2 N 124 3.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	236 M	TIME OF TOW:	1140 HR	ALIQUOT:	
		DEPTH OF TOW:	210 M	S.H.F.:	9.87

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	62.1	84.5	177.7
MERLUCCIUS PRODUCTUS	2.	6.9	9.4	19.7
THERAGRA CHALCOGRAMMA	9.	31.0	42.3	88.8
TOTAL	29.	100.0	136.2	286.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	19.	100.0	89.2	187.5
TOTAL	19.	100.0	89.2	187.5

TABLE:	36	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	342 M3
POSITION:	49 25.6 N 124 5.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1225 HR	ALIQUOT:	
		DEPTH OF TOW:	312 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	32.	42.7	93.6	291.5
MERLUCCIUS PRODUCTUS	12.	16.0	35.1	109.3
THERAGRA CHALCOGRAMMA	31.	41.3	90.6	282.4
TOTAL	75.	100.0	219.3	683.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	100.0	23.4	72.9
TOTAL	8.	100.0	23.4	72.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.9	9.1
TOTAL	1.	100.0	2.9	9.1

TABLE: 37
CRUISE: SG 80- 5
SAMPLE NO.: 6
DATE: 3/ 3/80
VESSEL: CALIGUS
POSITION: 49 28.0 N 124 3.1 W
GRID POSITION: 84 . 28
BOTTOM DEPTH: 340 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1315 HR
DEPTH OF TOW: 297 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 482 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 6.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	14.	27.5	29.0	86.2
THERAGRA CHALCOGRAMMA	37.	72.5	76.8	227.9
TOTAL	51.	100.0	105.8	314.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.2	2.1	6.2
LEUROGLOSSUS STILBIUS	29.	93.5	60.2	178.6
MERLUCCIUS PRODUCTUS	1.	3.2	2.1	6.2
TOTAL	31.	100.0	64.3	191.0

TABLE:	38	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	414 M3
POSITION:	49 24.7 N 124 1.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	401 M	TIME OF TOW:	1420 HR	ALIQUOT:	
		DEPTH OF TOW:	356 M	S.H.F.:	8.61

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.4	2.4	8.6
LEUROGLOSSUS STILBIUS	59.	84.3	142.5	508.0
MERLUCCIUS PRODUCTUS	1.	1.4	2.4	8.6
THERAGRA CHALCOGRAMMA	9.	12.9	21.7	77.5
TOTAL	70.	100.0	169.1	602.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	94.3	79.7	284.1
MERLUCCIUS PRODUCTUS	1.	2.9	2.4	8.6
SCORPAENIDAE(FAMILY)	1.	2.9	2.4	8.6
TOTAL	35.	100.0	84.5	301.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	4.8	17.2
NECTOLIPARIS PELAGICUS	1.	33.3	2.4	8.6
TOTAL	3.	100.0	7.2	25.8

TABLE:	39	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	393 M3
POSITION:	49 23.3 N 123 55.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	77 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1515 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	8.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	73.5	63.6	200.5
MERLUCCIUS PRODUCTUS	4.	11.8	10.2	32.1
THERAGRA CHALCOGRAMMA	5.	14.7	12.7	40.1
TOTAL	34.	100.0	86.5	272.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	35.	97.2	89.1	280.7
THERAGRA CHALCOGRAMMA	1.	2.8	2.5	8.0
TOTAL	36.	100.0	91.6	288.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.5	8.0
TOTAL	1.	100.0	2.5	8.0

TABLE:	40	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	328 M3
POSITION:	49 21.4 N 123 58.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	302 M	TIME OF TOW:	1605 HR	ALIQUOT:	
		DEPTH OF TOW:	294 M	S.H.F.:	8.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.9	3.0	9.0
LEUROGLOSSUS STILBIUS	30.	85.7	91.5	269.4
THERAGRA CHALCOGRAMMA	4.	11.4	12.2	35.9
TOTAL	35.	100.0	106.7	314.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	96.2	76.2	224.5
MERLUCCIUS PRODUCTUS	1.	3.8	3.0	9.0
TOTAL	26.	100.0	79.3	233.5

TABLE: 41
CRUISE: SG 80- 5
SAMPLE NO.: 10
DATE: 3/ 3/80
VESSEL: CALIGUS
POSITION: 49 18.9 N 123 56.0 W
GRID POSITION: 75 . 33
BOTTOM DEPTH: 403 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1640 HR
DEPTH OF TOW: 381 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 379 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.06

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.6	2.6	10.1
LEUROGLOSSUS STILBIUS	25.	89.3	66.0	251.5
MERLUCCIUS PRODUCTUS	1.	3.6	2.6	10.1
THERAGRA CHALCOGRAMMA	1.	3.6	2.6	10.1
TOTAL	28.	100.0	73.9	281.7

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	92.9	34.3	130.8
THERAGRA CHALCOGRAMMA	1.	7.1	2.6	10.1
TOTAL	14.	100.0	36.9	140.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	5.3	20.1
ZOARCIDAE(FAMILY)	1.	33.3	2.6	10.1
TOTAL	3.	100.0	7.9	30.2

TABLE:	42	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	201 M	S.H.F.:	12.38

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	6.0	18.5	37.1
MERLUCCIUS PRODUCTUS	44.	88.0	271.6	544.7
THERAGRA CHALCOGRAMMA	3.	6.0	18.5	37.1
TOTAL	50.	100.0	308.6	619.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	18.5	37.1
MERLUCCIUS PRODUCTUS	1.	25.0	6.2	12.4
TOTAL	4.	100.0	24.7	49.5

TABLE:	43	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	414 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	0904 HR	ALIQUOT:	
		DEPTH OF TOW:	372 M	S.H.F.:	8.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	43.	7.6	103.9	386.6
MERLUCCIUS PRODUCTUS	200.	35.5	483.1	1798.0
THERAGRA CHALCOGRAMMA	321.	56.9	775.4	2885.8
TOTAL	564.	100.0	1362.3	5070.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	81.8	43.5	161.8
MERLUCCIUS PRODUCTUS	1.	4.5	2.4	9.0
THERAGRA CHALCOGRAMMA	2.	9.1	4.8	18.0
SCORPAENIDAE(FAMILY)	1.	4.5	2.4	9.0
TOTAL	22.	100.0	53.1	197.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	4.8	18.0
TOTAL	2.	100.0	4.8	18.0

TABLE:	44	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	231 M3
POSITION:	49 11.3 N 123 41.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	63 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	242 M	TIME OF TOW:	0958 HR	ALIQUOT:	
		DEPTH OF TOW:	216 M	S.H.F.:	9.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.7	21.6	46.8
LEUROGLOSSUS STILBIUS	32.	4.7	138.5	299.8
MERLUCCIUS PRODUCTUS	166.	24.2	718.6	1555.4
THERAGRA CHALCOGRAMMA	482.	70.4	2086.6	4516.3
TOTAL	685.	100.0	2965.4	6418.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	85.7	77.9	168.7
THERAGRA CHALCOGRAMMA	3.	14.3	13.0	28.1
TOTAL	21.	100.0	90.9	196.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
HEXAGRAMMIDAE(FAMILY)	2.	100.0	8.7	18.7
TOTAL	2.	100.0	8.7	18.7

TABLE:	45	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	416 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1058 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	8.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.4	8.8
LEUROGLOSSUS STILBIUS	55.	3.6	132.2	486.2
MERLUCCIUS PRODUCTUS	811.	52.8	1949.5	7169.2
THERAGRA CHALCOGRAMMA	668.	43.5	1605.8	5905.1
TOTAL	1535.	100.0	3689.9	13569.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	27.	62.8	64.9	238.7
MERLUCCIUS PRODUCTUS	2.	4.7	4.8	17.7
THERAGRA CHALCOGRAMMA	14.	32.6	33.7	123.8
TOTAL	43.	100.0	103.4	380.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	25.0	4.8	17.7
ZOARCIDAE(FAMILY)	4.	50.0	9.6	35.4
CYCLOPTERIDAE(FAMILY)	2.	25.0	4.8	17.7
TOTAL	8.	100.0	19.2	70.7

TABLE:	46	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	397 M3
POSITION:	49 10.8 N 123 34.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1145 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	8.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.5	8.9
LEUROGLOSSUS STILBIUS	89.	5.4	224.2	791.2
MERLUCCIUS PRODUCTUS	606.	36.7	1526.4	5387.3
THERAGRA CHALCOGRAMMA	956.	57.9	2408.1	8498.8
TOTAL	1652.	100.0	4161.2	14686.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	26.	78.8	65.5	231.1
MERLUCCIUS PRODUCTUS	1.	3.0	2.5	8.9
THERAGRA CHALCOGRAMMA	5.	15.2	12.6	44.5
SCORPAENIDAE(FAMILY)	1.	3.0	2.5	8.9
TOTAL	33.	100.0	83.1	293.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	50.0	2.5	8.9
ZOARCIDAE(FAMILY)	1.	50.0	2.5	8.9
TOTAL	2.	100.0	5.0	17.8

TABLE:	47	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	410 M3
POSITION:	49 8.3 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	374 M	TIME OF TOW:	1234 HR	ALIQUOT:	
		DEPTH OF TOW:	329 M	S.H.F.:	8.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	1.0	17.1	56.2
LEUROGLOSSUS STILBIUS	67.	9.2	163.4	538.0
MERLUCCIUS PRODUCTUS	267.	36.7	651.2	2144.0
THERAGRA CHALCOGRAMMA	386.	53.1	941.5	3099.6
TOTAL	727.	100.0	1773.2	5837.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	4.2	2.4	8.0
LEUROGLOSSUS STILBIUS	12.	50.0	29.3	96.4
MERLUCCIUS PRODUCTUS	1.	4.2	2.4	8.0
THERAGRA CHALCOGRAMMA	10.	41.7	24.4	80.3
TOTAL	24.	100.0	58.5	192.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	4.9	16.1
NECTOLIPARIS PELAGICUS	1.	33.3	2.4	8.0
TOTAL	3.	100.0	7.3	24.1

TABLE:	48	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	317 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	334 M	TIME OF TOW:	1324 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	9.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	48.	3.4	151.4	449.8
MERLUCCIUS PRODUCTUS	323.	22.7	1018.9	3026.5
THERAGRA CHALCOGRAMMA	1051.	73.9	3315.5	9847.9
TOTAL	1422.	100.0	4485.8	13324.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	69.0	63.1	187.4
THERAGRA CHALCOGRAMMA	6.	20.7	18.9	56.2
SCORPAENIDAE(FAMILY)	3.	10.3	9.5	28.1
TOTAL	29.	100.0	91.5	271.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.2	9.4
TOTAL	1.	100.0	3.2	9.4

TABLE:	49	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	211 M3
POSITION:	49 1.9 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	234 M	TIME OF TOW:	1413 HR	ALIQUOT:	
		DEPTH OF TOW:	196 M	S.H.F.:	9.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	3.3	28.4	55.7
LEUROGLOSSUS STILBIUS	14.	7.6	66.4	129.9
MERLUCCIUS PRODUCTUS	120.	65.2	568.7	1113.6
THERAGRA CHALCOGRAMMA	44.	23.9	208.5	408.3
TOTAL	184.	100.0	872.0	1707.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	87.0	94.8	185.6
THERAGRA CHALCOGRAMMA	2.	8.7	9.5	18.6
SCORPAENIDAE(FAMILY)	1.	4.3	4.7	9.3
TOTAL	23.	100.0	109.0	213.4

TABLE:	50	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	242 M3
POSITION:	49 0.2 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	49 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	236 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	199 M	S.H.F.:	8.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	8.3	16.5
LEUROGLOSSUS STILBIUS	18.	1.6	74.4	148.1
MERLUCCIUS PRODUCTUS	899.	81.8	3714.9	7398.8
THERAGRA CHALCOGRAMMA	180.	16.4	743.8	1481.4
TOTAL	1099.	100.0	4541.3	9044.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	81.3	53.7	107.0
THERAGRA CHALCOGRAMMA	1.	6.3	4.1	8.2
SCORPAENIDAE(FAMILY)	2.	12.5	8.3	16.5
TOTAL	16.	100.0	66.1	131.7

TABLE:	51	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	256 M3
POSITION:	48 57.7 N 123 24.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1530 HR	ALIQUOT:	
		DEPTH OF TOW:	191 M	S.H.F.:	7.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	1.6	85.9	163.9
MERLUCCIUS PRODUCTUS	1056.	75.8	4125.0	7867.2
THERAGRA CHALCOGRAMMA	316.	22.7	1234.4	2354.2
TOTAL	1394.	100.0	5445.3	10385.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	75.0	35.2	67.0
THERAGRA CHALCOGRAMMA	2.	16.7	7.8	14.9
SCORPAENIDAE(FAMILY)	1.	8.3	3.9	7.4
TOTAL	12.	100.0	46.9	89.4

TABLE:	52	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	250 M3
POSITION:	48 56.0 N 123 20.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1605 HR	ALIQUOT:	
		DEPTH OF TOW:	164 M	S.H.F.:	6.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	1.4	52.0	85.4
MERLUCCIUS PRODUCTUS	707.	78.5	2828.0	4645.0
THERAGRA CHALCOGRAMMA	181.	20.1	724.0	1189.2
TOTAL	901.	100.0	3604.0	5919.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.0	4.0	6.6
LEUROGLOSSUS STILBIUS	30.	90.9	120.0	197.1
SCORPAENIDAE(FAMILY)	1.	3.0	4.0	6.6
CYCLOPTERIDAE(FAMILY)	1.	3.0	4.0	6.6
TOTAL	33.	100.0	132.0	216.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
HEXAGRAMMIDAE(FAMILY)	1.	100.0	4.0	6.6
TOTAL	1.	100.0	4.0	6.6

TABLE:	53	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	217 M3
POSITION:	48 53.8 N 123 15.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	39 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	206 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	168 M	S.H.F.:	7.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	8.0	9.2	15.5
THERAGRA CHALCOGRAMMA	23.	92.0	106.0	178.0
TOTAL	25.	100.0	115.2	193.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	100.0	64.5	108.4
TOTAL	14.	100.0	64.5	108.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
HEXAGRAMMIDAE(FAMILY)	1.	100.0	4.6	7.7
TOTAL	1.	100.0	4.6	7.7

TABLE:	54
CRUISE:	SG 80- 5
SAMPLE NO.:	23
DATE:	6/ 3/80
VESSEL:	CALIGUS
POSITION:	49 0.2 N 123 21.8 W
GRID POSITION:	46 . 36
BOTTOM DEPTH:	236 M

WIND DIRECTION:	135 DEG
WIND VELOCITY:	1 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	0.0 C
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	0945 HR
DEPTH OF TOW:	203 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	211 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.63

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	1.5	42.7	86.7
MERLUCCIUS PRODUCTUS	384.	62.1	1819.9	3697.9
THERAGRA CHALCOGRAMMA	225.	36.4	1066.4	2166.8
TOTAL	618.	100.0	2928.9	5951.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	58.3	33.2	67.4
MERLUCCIUS PRODUCTUS	1.	8.3	4.7	9.6
THERAGRA CHALCOGRAMMA	3.	25.0	14.2	28.9
OPHIODON ELONGATUS	1.	8.3	4.7	9.6
TOTAL	12.	100.0	56.9	115.6

TABLE:	55	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	239 M3
POSITION:	48 47.2 N 123 38.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	236 M	TIME OF TOW:	1025 HR	ALIQUOT:	
		DEPTH OF TOW:	208 M	S.H.F.:	8.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	31.	43.7	129.7	268.8
THERAGRA CHALCOGRAMMA	40.	56.3	167.4	346.8
TOTAL	71.	100.0	297.1	615.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	100.0	33.5	69.4
TOTAL	8.	100.0	33.5	69.4

TABLE:	56	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	278 M3
POSITION:	49 6.3 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	258 M	TIME OF TOW:	1110 HR	ALIQUOT:	
		DEPTH OF TOW:	232 M	S.H.F.:	8.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.2	16.7
LEUROGLOSSUS STILBIUS	54.	1.8	194.2	450.9
MERLUCCIUS PRODUCTUS	636.	21.1	2287.8	5310.6
THERAGRA CHALCOGRAMMA	2316.	77.0	8330.9	19338.6
TOTAL	3008.	100.0	10820.1	25116.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	85.7	86.3	200.4
MERLUCCIUS PRODUCTUS	1.	3.6	3.6	8.4
THERAGRA CHALCOGRAMMA	3.	10.7	10.8	25.1
TOTAL	28.	100.0	100.7	233.8

TABLE:	57	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	256 M3
POSITION:	49 9.9 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	245 M	TIME OF TOW:	1153 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	8.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.1	11.7	26.4
LEUROGLOSSUS STILBIUS	70.	3.0	273.4	616.0
MERLUCCIUS PRODUCTUS	598.	25.3	2335.9	5262.4
THERAGRA CHALCOGRAMMA	1695.	71.6	6621.1	14916.0
TOTAL	2366.	100.0	9242.2	20820.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	69.2	70.3	158.4
MERLUCCIUS PRODUCTUS	4.	15.4	15.6	35.2
THERAGRA CHALCOGRAMMA	4.	15.4	15.6	35.2
TOTAL	26.	100.0	101.6	228.8

TABLE:	58	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	299 M3
POSITION:	49 13.5 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	55 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1235 HR	ALIQUOT:	
		DEPTH OF TOW:	251 M	S.H.F.:	8.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	1.4	60.2	151.2
LEUROGLOSSUS STILBIUS	30.	2.3	100.3	252.0
MERLUCCIUS PRODUCTUS	561.	43.7	1876.3	4712.4
THERAGRA CHALCOGRAMMA	674.	52.5	2254.2	5661.6
TOTAL	1283.	100.0	4291.0	10777.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	86.8	110.4	277.2
MERLUCCIUS PRODUCTUS	1.	2.6	3.3	8.4
THERAGRA CHALCOGRAMMA	4.	10.5	13.4	33.6
TOTAL	38.	100.0	127.1	319.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
GILBERTIDIA SIGALUTES	1.	100.0	3.3	8.4
TOTAL	1.	100.0	3.3	8.4

TABLE:	59	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	333 M3
POSITION:	49 15.5 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1335 HR	ALIQUOT:	
		DEPTH OF TOW:	307 M	S.H.F.:	9.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	11.	0.2	33.0	101.4
MERLUCCIUS PRODUCTUS	30.	0.6	90.1	276.6
THERAGRA CHALCOGRAMMA	4095.	76.3	12297.3	37755.9
	1230.	22.9	3693.7	11340.6
TOTAL	5366.	100.0	16114.1	49474.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	42.	77.8	126.1	387.2
MERLUCCIUS PRODUCTUS	2.	3.7	6.0	18.4
THERAGRA CHALCOGRAMMA	10.	18.5	30.0	92.2
TOTAL	54.	100.0	162.2	497.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	100.0	3.0	9.2
TOTAL	1.	100.0	3.0	9.2

TABLE:	60	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	394 M3
POSITION:	49 15.5 N 123 37.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	63 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	357 M	TIME OF TOW:	1420 HR	ALIQUOT:	
		DEPTH OF TOW:	322 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.1	7.6	24.5
LEUROGLOSSUS STILBIUS	82.	2.1	208.1	670.8
MERLUCCIUS PRODUCTUS	1077.	27.6	2733.5	8809.9
THERAGRA CHALCOGRAMMA	2747.	70.3	6972.1	22470.5
TOTAL	3909.	100.0	9921.3	31975.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.4	2.5	8.2
LEUROGLOSSUS STILBIUS	23.	79.3	58.4	188.1
THERAGRA CHALCOGRAMMA	5.	17.2	12.7	40.9
TOTAL	29.	100.0	73.6	237.2

TABLE:	61	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	296 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1507 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	8.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	54.	1.9	182.4	474.7
MERLUCCIUS PRODUCTUS	748.	26.5	2527.0	6574.9
THERAGRA CHALCOGRAMMA	2019.	71.6	6820.9	17747.0
TOTAL	2821.	100.0	9530.4	24796.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	27.	69.2	91.2	237.3
THERAGRA CHALCOGRAMMA	8.	20.5	27.0	70.3
SCORPAENIDAE(FAMILY)	4.	10.3	13.5	35.2
TOTAL	39.	100.0	131.8	342.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	3.4	8.8
NECTOLIPARIS PELAGICUS	1.	50.0	3.4	8.8
TOTAL	2.	100.0	6.8	17.6

TABLE:	62	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	332 M3
POSITION:	49 18.8 N 123 45.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1545 HR	ALIQUOT:	
		DEPTH OF TOW:	279 M	S.H.F.:	8.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	54.	15.8	162.7	453.6
MERLUCCIUS PRODUCTUS	62.	18.2	186.7	520.8
THERAGRA CHALCOGRAMMA	225.	66.0	677.7	1890.0
TOTAL	341.	100.0	1027.1	2864.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.6	3.0	8.4
LEUROGLOSSUS STILBIUS	22.	78.6	66.3	184.8
MERLUCCIUS PRODUCTUS	5.	17.9	15.1	42.0
TOTAL	28.	100.0	84.3	235.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.0	8.4
TOTAL	1.	100.0	3.0	8.4

TABLE:	63	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	432 M3
POSITION:	49 16.3 N 123 47.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	370 M	S.H.F.:	8.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	53.	6.6	122.7	454.2
MERLUCCIUS PRODUCTUS	242.	30.1	560.2	2073.9
THERAGRA CHALCOGRAMMA	508.	63.3	1175.9	4353.6
TOTAL	803.	100.0	1858.8	6881.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	63.0	39.4	145.7
MERLUCCIUS PRODUCTUS	4.	14.8	9.3	34.3
THERAGRA CHALCOGRAMMA	3.	11.1	6.9	25.7
SCORPAENIDAE(FAMILY)	3.	11.1	6.9	25.7
TOTAL	27.	100.0	62.5	231.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.3	8.6
TOTAL	1.	100.0	2.3	8.6

TABLE:	64	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	441 M3
POSITION:	49 19.7 N 123 49.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	387 M	TIME OF TOW:	0936 HR	ALIQUOT:	
		DEPTH OF TOW:	360 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	2.2	6.8	24.5
LEUROGLOSSUS STILBIUS	47.	35.1	106.6	384.5
MERLUCCIUS PRODUCTUS	25.	18.7	56.7	204.5
THERAGRA CHALCOGRAMMA	59.	44.0	133.8	482.6
TOTAL	134.	100.0	303.9	1096.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	71.4	22.7	81.8
THERAGRA CHALCOGRAMMA	3.	21.4	6.8	24.5
COTTIDAE(FAMILY)	1.	7.1	2.3	8.2
TOTAL	14.	100.0	31.7	114.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.3	8.2
MYCTOPHIDAE(FAMILY)	1.	50.0	2.3	8.2
TOTAL	2.	100.0	4.5	16.4

TABLE:	65	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	316 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	1027 HR	ALIQUOT:	
		DEPTH OF TOW:	224 M	S.H.F.:	7.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	3.	1.2	9.5	21.2
MERLUCCIUS PRODUCTUS	52.	20.8	164.6	367.6
THERAGRA CHALCOGRAMMA	112.	44.8	354.4	791.8
	83.	33.2	262.7	586.8
TOTAL	250.	100.0	791.1	1767.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	76.2	50.6	113.1
MERLUCCIUS PRODUCTUS	3.	14.3	9.5	21.2
THERAGRA CHALCOGRAMMA	1.	4.8	3.2	7.1
SCORPAENIDAE(FAMILY)	1.	4.8	3.2	7.1
TOTAL	21.	100.0	66.5	148.5

TABLE:	66	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 5	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	7/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	0.0 C	VOL. FILTERED:	443 M3
POSITION:	49 17.2 N 123 52.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	420 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	7.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	41.	24.3	92.6	322.3
MERLUCCIUS PRODUCTUS	40.	23.7	90.3	314.4
THERAGRA CHALCOGRAMMA	88.	52.1	198.6	691.7
TOTAL	169.	100.0	381.5	1328.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	73.3	74.5	259.4
MERLUCCIUS PRODUCTUS	3.	6.7	6.8	23.6
THERAGRA CHALCOGRAMMA	8.	17.8	18.1	62.9
SCORPAENIDAE(FAMILY)	1.	2.2	2.3	7.9
TOTAL	45.	100.0	101.6	353.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.3	7.9
TOTAL	1.	100.0	2.3	7.9

TABLE:	67	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	314 M3
POSITION:	49 15.8 N 123 57.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	315 M	TIME OF TOW:	1200 HR	ALIQUOT:	
		DEPTH OF TOW:	271 M	S.H.F.:	8.65

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	9.6	25.9
LEUROGLOSSUS STILBIUS	40.	4.0	127.4	346.0
MERLUCCIUS PRODUCTUS	625.	62.1	1990.4	5406.3
THERAGRA CHALCOGRAMMA	338.	33.6	1076.4	2923.7
TOTAL	1006.	100.0	3203.8	8701.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	35.	76.1	111.5	302.8
MERLUCCIUS PRODUCTUS	4.	8.7	12.7	34.6
THERAGRA CHALCOGRAMMA	5.	10.9	15.9	43.3
SCORPAENIDAE(FAMILY)	2.	4.3	6.4	17.3
TOTAL	46.	100.0	146.5	397.9

TABLE:	68	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	202 M3
POSITION:	49 16.1 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	206 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	9.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	3.1	9.9	18.4
LEUROGLOSSUS STILBIUS	5.	7.8	24.8	46.0
MERLUCCIUS PRODUCTUS	50.	78.1	247.5	460.0
THERAGRA CHALCOGRAMMA	7.	10.9	34.7	64.4
TOTAL	64.	100.0	316.8	588.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.4	5.0	9.2
LEUROGLOSSUS STILBIUS	21.	72.4	104.0	193.2
THERAGRA CHALCOGRAMMA	3.	10.3	14.9	27.6
SCORPAENIDAE(FAMILY)	2.	6.9	9.9	18.4
CYCLOPTERIDAE(FAMILY)	1.	3.4	5.0	9.2
PLEURONECTIDAE(FAMILY)	1.	3.4	5.0	9.2
TOTAL	29.	100.0	143.6	266.8

TABLE:	69	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	338 M3
POSITION:	49 18.2 N 124 4.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	1330 HR	ALIQUOT:	
		DEPTH OF TOW:	246 M	S.H.F.:	7.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	3.0	11.8	29.1
LEUROGLOSSUS STILBIUS	15.	11.1	44.4	109.1
MERLUCCIUS PRODUCTUS	101.	74.8	298.8	734.3
THERAGRA CHALCOGRAMMA	15.	11.1	44.4	109.1
TOTAL	135.	100.0	399.4	981.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.2	3.0	7.3
LEUROGLOSSUS STILBIUS	24.	77.4	71.0	174.5
THERAGRA CHALCOGRAMMA	3.	9.7	8.9	21.8
SCORPAENIDAE(FAMILY)	2.	6.5	5.9	14.5
PLEURONECTIDAE(FAMILY)	1.	3.2	3.0	7.3
TOTAL	31.	100.0	91.7	225.4

TABLE:	70	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	473 M3
POSITION:	49 20.3 N 124 7.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1415 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	6.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	14.8	38.1	112.9
MERLUCCIUS PRODUCTUS	61.	50.0	129.0	382.5
THERAGRA CHALCOGRAMMA	43.	35.2	90.9	269.6
TOTAL	122.	100.0	257.9	764.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	9.	81.8	19.0	56.4
SCORPAENIDAE(FAMILY)	2.	18.2	4.2	12.5
TOTAL	11.	100.0	23.3	69.0

TABLE:	71	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	316 M3
POSITION:	49 22.8 N 124 10.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1500 HR	ALIQUOT:	
		DEPTH OF TOW:	329 M	S.H.F.:	10.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	6.0	9.5	31.2
LEUROGLOSSUS STILBIUS	15.	30.0	47.5	156.0
MERLUCCIUS PRODUCTUS	23.	46.0	72.8	239.2
THERAGRA CHALCOGRAMMA	9.	18.0	28.5	93.6
TOTAL	50.	100.0	158.2	520.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	12.5	3.2	10.4
LEUROGLOSSUS STILBIUS	5.	62.5	15.8	52.0
THERAGRA CHALCOGRAMMA	2.	25.0	6.3	20.8
TOTAL	8.	100.0	25.3	83.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.2	10.4
TOTAL	1.	100.0	3.2	10.4

TABLE:	72	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	257 M3
POSITION:	49 22.8 N 124 4.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	1600 HR	ALIQUOT:	
		DEPTH OF TOW:	212 M	S.H.F.:	8.26

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	14.8	70.0	148.7
MERLUCCIUS PRODUCTUS	61.	50.0	237.4	503.9
THERAGRA CHALCOGRAMMA	43.	35.2	167.3	355.2
TOTAL	122.	100.0	474.7	1007.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	81.8	35.0	74.3
SCORPAENIDAE(FAMILY)	2.	18.2	7.8	16.5
TOTAL	11.	100.0	42.8	90.9

TABLE:	73	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	343 M3
POSITION:	49 25.6 N 124 5.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1645 HR	ALIQUOT:	
		DEPTH OF TOW:	303 M	S.H.F.:	8.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	4.3	46.6	141.3
MERLUCCIUS PRODUCTUS	333.	90.2	970.8	2940.4
THERAGRA CHALCOGRAMMA	20.	5.4	58.3	176.6
TOTAL	369.	100.0	1075.8	3258.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	81.0	49.6	150.1
MERLUCCIUS PRODUCTUS	1.	4.8	2.9	8.8
PHOLIDAE(FAMILY)	2.	9.5	5.8	17.7
SCORPAENIDAE(FAMILY)	1.	4.8	2.9	8.8
TOTAL	21.	100.0	61.2	185.4

TABLE:	74	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	296 M3
POSITION:	49 27.2 N 124 3.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	0755 HR	ALIQUOT:	
		DEPTH OF TOW:	243 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	0.1	10.1	24.5
MERLUCCIUS PRODUCTUS	4769.	99.3	16111.5	39010.4
THERAGRA CHALCOGRAMMA	33.	0.7	111.5	269.9
TOTAL	4805.	100.0	16233.1	39304.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	33.3	33.8	81.8
MERLUCCIUS PRODUCTUS	7.	23.3	23.6	57.3
THERAGRA CHALCOGRAMMA	13.	43.3	43.9	106.3
TOTAL	30.	100.0	101.4	245.4

TABLE:	75	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	49 27.2 N 123 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	183 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	2.0	35.9	65.4
MERLUCCIUS PRODUCTUS	257.	65.4	1152.5	2102.3
THERAGRA CHALCOGRAMMA	128.	32.6	574.0	1047.0
TOTAL	393.	100.0	1762.3	3214.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	25.9	31.4	57.3
MERLUCCIUS PRODUCTUS	3.	11.1	13.5	24.5
THERAGRA CHALCOGRAMMA	16.	59.3	71.7	130.9
SCORPAENIDAE(FAMILY)	1.	3.7	4.5	8.2
TOTAL	27.	100.0	121.1	220.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LYCONECTES ALEUTENSIS	1.	100.0	4.5	8.2
TOTAL	1.	100.0	4.5	8.2

TABLE:	76				
CRUISE:	SG 80- 6	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
SAMPLE NO.:	10	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
DATE:	20/ 3/80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
VESSEL:	CALIGUS	SWELL HEIGHT:		MESH SIZE:	.351 MM
POSITION:	49 27.2 N 123 52.9 W	SURFACE TEMP:		VOL. FILTERED:	194 M3
GRID POSITION:	78 . 25	STD NUMBER:		DISP. VOLUME:	
BOTTOM DEPTH:	210 M	BT/XBT NUMBER:		PLANKTON CONC.:	
		TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	183 M	S.H.F.:	9.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.8	5.2	9.4
MERLUCCIUS PRODUCTUS	2.	1.5	10.3	18.9
THERAGRA CHALCOGRAMMA	106.	81.5	546.4	1000.6
	21.	16.2	108.2	198.2
TOTAL	130.	100.0	670.1	1227.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	33.3	36.1	66.1
MERLUCCIUS PRODUCTUS	2.	9.5	10.3	18.9
THERAGRA CHALCOGRAMMA	8.	38.1	41.2	75.5
SCORPAENIDAE(FAMILY)	3.	14.3	15.5	28.3
CYCLOPTERIDAE(FAMILY)	1.	4.8	5.2	9.4
TOTAL	21.	100.0	108.2	198.2

TABLE:	77	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	49 24.4 N 123 52.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	146 M	S.H.F.:	7.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	0.8	14.5	21.2
MERLUCCIUS PRODUCTUS	108.	28.6	521.7	762.5
THERAGRA CHALCOGRAMMA	266.	70.6	1285.0	1878.0
TOTAL	377.	100.0	1821.3	2661.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	60.9	67.6	98.8
THERAGRA CHALCOGRAMMA	9.	39.1	43.5	63.5
TOTAL	23.	100.0	111.1	162.4

TABLE:	78	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	298 M3
POSITION:	49 24.4 N 123 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	8.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	40.	0.8	134.2	349.2
MERLUCCIUS PRODUCTUS	3948.	80.0	13248.3	34466.0
THERAGRA CHALCOGRAMMA	948.	19.2	3181.2	8276.0
TOTAL	4936.	100.0	16563.8	43091.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	36.	28.1	120.8	314.3
MERLUCCIUS PRODUCTUS	40.	31.3	134.2	349.2
THERAGRA CHALCOGRAMMA	52.	40.6	174.5	454.0
TOTAL	128.	100.0	429.5	1117.4

TABLE:	79	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	419 M3
POSITION:	49 24.7 N 124 1.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1135 HR	ALIQUOT:	
		DEPTH OF TOW:	344 M	S.H.F.:	8.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	4.8	16.4
LEUROGLOSSUS STILBIUS	17.	3.6	40.6	139.2
MERLUCCIUS PRODUCTUS	321.	68.3	766.1	2629.0
THERAGRA CHALCOGRAMMA	130.	27.7	310.3	1064.7
TOTAL	470.	100.0	1121.7	3849.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	2.5	4.8	16.4
LEUROGLOSSUS STILBIUS	50.	62.5	119.3	409.5
MERLUCCIUS PRODUCTUS	14.	17.5	33.4	114.7
THERAGRA CHALCOGRAMMA	14.	17.5	33.4	114.7
TOTAL	80.	100.0	190.9	655.2

TABLE:	80	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	327 M3
POSITION:	49 21.9 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	360 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	316 M	S.H.F.:	9.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	3.1	9.7
MERLUCCIUS PRODUCTUS	1471.	64.1	4498.5	14209.9
THERAGRA CHALCOGRAMMA	822.	35.8	2513.8	7940.5
TOTAL	2294.	100.0	7015.3	22160.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	20.	28.6	61.2	193.2
THERAGRA CHALCOGRAMMA	50.	71.4	152.9	483.0
TOTAL	70.	100.0	214.1	676.2

TABLE:	81	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	236 M3
POSITION:	49 21.4 N 123 58.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	232 M	TIME OF TOW:	1325 HR	ALIQUOT:	
		DEPTH OF TOW:	208 M	S.H.F.:	8.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	4.2	8.8
LEUROGLOSSUS STILBIUS	18.	3.1	76.3	158.4
MERLUCCIUS PRODUCTUS	385.	65.9	1631.4	3388.0
THERAGRA CHALCOGRAMMA	180.	30.8	762.7	1584.0
TOTAL	584.	100.0	2474.6	5139.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	41.2	59.3	123.2
MERLUCCIUS PRODUCTUS	2.	5.9	8.5	17.6
THERAGRA CHALCOGRAMMA	18.	52.9	76.3	158.4
TOTAL	34.	100.0	144.1	299.2

TABLE:	82	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	434 M3
POSITION:	49 20.3 N 124 1.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1400 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	8.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	2.3	8.0
LEUROGLOSSUS STILBIUS	31.	8.9	71.4	248.6
MERLUCCIUS PRODUCTUS	253.	72.5	582.9	2029.1
THERAGRA CHALCOGRAMMA	64.	18.3	147.5	513.3
TOTAL	349.	100.0	804.1	2799.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	52.1	57.6	200.5
MERLUCCIUS PRODUCTUS	18.	37.5	41.5	144.4
THERAGRA CHALCOGRAMMA	3.	6.3	6.9	24.1
PHOLIDAE(FAMILY)	1.	2.1	2.3	8.0
SCORPAENIDAE(FAMILY)	1.	2.1	2.3	8.0
TOTAL	48.	100.0	110.6	385.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.3	8.0
NECTOLIPARIS PELAGICUS	1.	50.0	2.3	8.0
TOTAL	2.	100.0	4.6	16.0

TABLE:	83	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.7 C	VOL. FILTERED:	191 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	0910 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	9.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	4.	1.8	20.9	36.4
MERLUCCIUS PRODUCTUS	5.	2.2	26.2	45.5
THERAGRA CHALCOGRAMMA	185.	82.2	968.6	1681.7
	31.	13.8	162.3	281.8
TOTAL	225.	100.0	1178.0	2045.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.7	5.2	9.1
LEUROGLOSSUS STILBIUS	15.	55.6	78.5	136.4
MERLUCCIUS PRODUCTUS	1.	3.7	5.2	9.1
THERAGRA CHALCOGRAMMA	7.	25.9	36.6	63.6
SCORPAENIDAE(FAMILY)	3.	11.1	15.7	27.3
TOTAL	27.	100.0	141.4	245.4

TABLE:	84	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.5 C	VOL. FILTERED:	349 M3
POSITION:	49 16.6 N 123 50.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	10.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.2	8.6	30.5
LEUROGLOSSUS STILBIUS	41.	2.3	117.5	417.0
MERLUCCIUS PRODUCTUS	1108.	62.5	3174.8	11268.4
THERAGRA CHALCOGRAMMA	620.	35.0	1776.5	6305.4
TOTAL	1772.	100 0	5077.4	18021.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	55.	37.7	157.6	559.3
MERLUCCIUS PRODUCTUS	24.	16.4	68.8	244.1
THERAGRA CHALCOGRAMMA	67.	45.9	192.0	681.4
TOTAL	146.	100.0	418.3	1484.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.9	10.2
ZOARCIDAE(FAMILY)	1.	50.0	2.9	10.2
TOTAL	2.	100.0	5.7	20.3

TABLE:	85	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.5 C	VOL. FILTERED:	347 M3
POSITION:	49 18.3 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	418 M	TIME OF TOW:	1050 HR	ALIQUOT:	
		DEPTH OF TOW:	383 M	S.H.F.:	11.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.9	11.1
LEUROGLOSSUS STILBIUS	7.	0.7	20.2	77.3
MERLUCCIUS PRODUCTUS	264.	27.7	760.8	2917.2
THERAGRA CHALCOGRAMMA	681.	71.5	1962.5	7525.1
TOTAL	953.	100.0	2746.4	10530.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	32.	40.0	92.2	353.6
MERLUCCIUS PRODUCTUS	38.	47.5	109.5	419.9
THERAGRA CHALCOGRAMMA	10.	12.5	28.8	110.5
TOTAL	80.	100.0	230.5	884.0

TABLE:	86
CRUISE:	SG 80- 6
SAMPLE NO.:	20
DATE:	21/ 3/80
VESSEL:	CALIGUS
POSITION:	49 18.6 N 123 58.1 W
GRID POSITION:	76 . 34
BOTTOM DEPTH:	412 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	3 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1155 HR
DEPTH OF TOW:	352 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	386 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.6	13.0	45.7
LEUROGLOSSUS STILBIUS	51.	5.7	132.1	466.1
MERLUCCIUS PRODUCTUS	711.	79.8	1842.0	6498.5
THERAGRA CHALCOGRAMMA	124.	13.9	321.2	1133.4
TOTAL	891.	100.0	2308.3	8143.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	50.	58.1	129.5	457.0
MERLUCCIUS PRODUCTUS	21.	24.4	54.4	191.9
THERAGRA CHALCOGRAMMA	15.	17.4	38.9	137.1
TOTAL	86.	100.0	222.8	786.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABÚN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	5.2	18.3
ZOARCIDAE(FAMILY)	1.	33.3	2.6	9.1
TOTAL	3.	100.0	7.8	27.4

TABLE:	87		
CRUISE:	SG 80- 6	WIND DIRECTION:	315 DEG
SAMPLE NO.:	21	WIND VELOCITY:	2 MPS
DATE:	21/ 3/80	WAVE HEIGHT:	
VESSEL:	CALIGUS	SWELL HEIGHT:	
POSITION:	49 19.7 N 123 49.6 W	SURFACE TEMP:	7.6 C
GRID POSITION:	72 . 30	STD NUMBER:	
BOTTOM DEPTH:	403 M	BT/XBT NUMBER:	
		TIME OF TOW:	1300 HR
		DEPTH OF TOW:	351 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	372 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.43

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	5.4	18.9
LEUROGLOSSUS STILBIUS	73.	5.8	196.2	688.4
MERLUCCIUS PRODUCTUS	833.	66.7	2239.2	7855.2
THERAGRA CHALCOGRAMMA	340.	27.2	914.0	3206.2
TOTAL	1248.	100.0	3354.8	11768.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	59.	18.7	158.6	556.4
MERLUCCIUS PRODUCTUS	174.	55.2	467.7	1640.8
THERAGRA CHALCOGRAMMA	78.	24.8	209.7	735.5
SCORPAENIDAE(FAMILY)	3.	1.0	8.1	28.3
CYCLOPTERIDAE(FAMILY)	1.	0.3	2.7	9.4
TOTAL	315.	100.0	846.8	2970.5

TABLE: 88
CRUISE: SG 80- 6
SAMPLE NO.: 22
DATE: 21/ 3/80
VESSEL: CALIGUS
POSITION: 49 18.8 N 123 45.0 W
GRID POSITION: 69 . 29
BOTTOM DEPTH: 320 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP: 8.0 C
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1345 HR
DEPTH OF TOW: 262 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 352 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 7.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	37.	0.2	105.1	275.3
MERLUCCIUS PRODUCTUS	5553.	36.6	15775.6	41314.3
THERAGRA CHALCOGRAMMA	9585.	63.2	27230.1	71312.4
TOTAL	15175.	100.0	43110.8	112902.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	75.	22.0	213.1	558.0
MERLUCCIUS PRODUCTUS	107.	31.4	304.0	796.1
THERAGRA CHALCOGRAMMA	156.	45.7	443.2	1160.6
SCORPAENIDAE(FAMILY)	3.	0.9	8.5	22.3
TOTAL	341.	100.0	968.8	2537.0

TABLE:	89	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	199 M3
POSITION:	49 19.4 N 123 40.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	67 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1430 HR	ALIQUOT:	
		DEPTH OF TOW:	172 M	S.H.F.:	8.65

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEURCGLOSSUS STILBIUS	6.	0.6	30.2	51.9
MERLUCCIUS PRODUCTUS	219.	22.0	1100.5	1894.3
THERAGRA CHALCOGRAMMA	771.	77.4	3874.4	6669.1
TOTAL	996.	100.0	5005.0	8615.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	33.3	65.3	112.4
MERLUCCIUS PRODUCTUS	3.	7.7	15.1	25.9
THERAGRA CHALCOGRAMMA	20.	51.3	100.5	173.0
SCORPAENIDAE(FAMILY)	3.	7.7	15.1	25.9
TOTAL	39.	100.0	196.0	337.4

TABLE:	90	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.2 C	VOL. FILTERED:	216 M3
POSITION:	49 21.3 N 123 42.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1505 HR	ALIQUOT:	
		DEPTH OF TOW:	172 M	S.H.F.:	7.97

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	0.6	60.2	103.6
MERLUCCIUS PRODUCTUS	638.	27.3	2953.7	5084.9
THERAGRA CHALCOGRAMMA	1684.	72.1	7796.3	13421.5
TOTAL	2335.	100.0	10810.2	18609.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	11.1	46.3	79.7
MERLUCCIUS PRODUCTUS	6.	6.7	27.8	47.8
THERAGRA CHALCOGRAMMA	73.	81.1	338.0	581.8
SCORPAENIDAE(FAMILY)	1.	1.1	4.6	8.0
TOTAL	90.	100.0	416.7	717.3

TABLE: 91
CRUISE: SG 80- 6
SAMPLE NO.: 25
DATE: 21/ 3/80
VESSEL: CALIGUS
POSITION: 49 21.9 N 123 46.4 W
GRID POSITION: 71 . 27
BOTTOM DEPTH: 137 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1540 HR
DEPTH OF TOW: 108 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 128 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.43

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.5	23.4	25.3
LEUROGLOSSUS STILBIUS	1.	0.5	7.8	8.4
MERLUCCIUS PRODUCTUS	22.	11.3	171.9	185.5
THERAGRA CHALCOGRAMMA	169.	86.7	1320.3	1424.7
TOTAL	195.	100.0	1523.4	1643.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	40.9	70.3	75.9
MERLUCCIUS PRODUCTUS	1.	4.5	7.8	8.4
THERAGRA CHALCOGRAMMA	7.	31.8	54.7	59.0
STICHAEIDAE(FAMILY)	2.	9.1	15.6	16.9
SCORPAENIDAE(FAMILY)	3.	13.6	23.4	25.3
TOTAL	22.	100.0	171.9	185.5

TABLE:	92	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.0 C	VOL. FILTERED:	280 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	255 M	TIME OF TOW:	1610 HR	ALIQUOT:	
		DEPTH OF TOW:	213 M	S.H.F.:	7.61

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	26.	0.2	92.9	197.9
MERLUCCIUS PRODUCTUS	7643.	58.7	27296.4	58163.2
THERAGRA CHALCOGRAMMA	5356.	41.1	19128.6	40759.2
TOTAL	13025.	100.0	46517.9	99120.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	44.	15.0	157.1	334.8
GADIDAE(FAMILY)	1.	0.3	3.6	7.6
MERLUCCIUS PRODUCTUS	72.	24.6	257.1	547.9
THERAGRA CHALCOGRAMMA	176.	60.1	628.6	1339.4
TOTAL	293.	100.0	1046.4	2229.7

TABLE:	93	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	175 M3
POSITION:	49 25.2 N 123 45.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	73 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	174 M	TIME OF TOW:	1700 HR	ALIQUOT:	
		DEPTH OF TOW:	141 M	S.H.F.:	8.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.7	8.1
LEUROGLOSSUS STILBIUS	1.	0.3	5.7	8.1
MERLUCCIUS PRODUCTUS	128.	43.7	731.4	1033.0
THERAGRA CHALCOGRAMMA	163.	55.6	931.4	1315.4
TOTAL	293.	100.0	1674.3	2364.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	26.5	51.4	72.6
MERLUCCIUS PRODUCTUS	9.	26.5	51.4	72.6
THERAGRA CHALCOGRAMMA	13.	38.2	74.3	104.9
STICHAEIDAE(FAMILY)	1.	2.9	5.7	8.1
SCORPAENIDAE(FAMILY)	2.	5.9	11.4	16.1
TOTAL	34.	100.0	194.3	274.4

TABLE: 94
CRUISE: SG 80- 6
SAMPLE NO.: 28
DATE: 21/ 3/80
VESSEL: CALIGUS
POSITION: 49 23.2 N 123 38.6 W
GRID POSITION: 68 . 23
BOTTOM DEPTH: 186 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP: 8.4 C
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1745 HR
DEPTH OF TOW: 166 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 194 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.56

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	4.6	25.8	42.8
MERLUCCIUS PRODUCTUS	38.	35.2	195.9	325.3
THERAGRA CHALCOGRAMMA	65.	60.2	335.1	556.4
TOTAL	108.	100.0	556.7	924.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	57.1	61.9	102.7
MERLUCCIUS PRODUCTUS	6.	28.6	30.9	51.4
THERAGRA CHALCOGRAMMA	3.	14.3	15.5	25.7
TOTAL	21.	100.0	108.2	179.8

TABLE:	95	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	141 M3
POSITION:	49 22.1 N 123 33.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	156 M	TIME OF TOW:	0821 HR	ALIQUOT:	
		DEPTH OF TOW:	131 M	S.H.F.:	9.30

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	2.1	21.3	27.9
LEUROGLOSSUS STILBIUS	4.	2.8	28.4	37.2
MERLUCCIUS PRODUCTUS	17.	12.1	120.6	158.1
THERAGRA CHALCOGRAMMA	117.	83.0	829.8	1088.1
TOTAL	141.	100.0	1000.0	1311.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	26.7	85.1	111.6
MERLUCCIUS PRODUCTUS	3.	6.7	21.3	27.9
THERAGRA CHALCOGRAMMA	30.	66.7	212.8	279.0
TOTAL	45.	100.0	319.1	418.5

TABLE:	96	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	49 20.7 N 123 30.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0855 HR	ALIQUOT:	
		DEPTH CF TOW:	181 M	S.H.F.:	8.77

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	12.	1.7	58.0	105.2
MERLUCCIUS PRODUCTUS	10.	1.4	48.3	87.7
THERAGRA CHALCOGRAMMA	58.	8.1	280.2	508.7
	632.	88.8	3053.1	5542.6
TOTAL	712.	100.0	3439.6	6244.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	3.1	33.8	61.4
MERLUCCIUS PRODUCTUS	25.	11.0	120.8	219.3
THERAGRA CHALCOGRAMMA	194.	85.1	937.2	1701.4
SCORPAENIDAE(FAMILY)	2.	0.9	9.7	17.5
TOTAL	228.	100.0	1101.4	1999.6

TABLE:	97	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.6 C	VOL. FILTERED:	214 M3
POSITION:	49 19.5 N 123 25.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 21	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0940 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	8.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	3.5	84.1	151.9
LEUROGLOSSUS STILBIUS	12.	2.4	56.1	101.3
MERLUCCIUS PRODUCTUS	24.	4.7	112.1	202.6
THERAGRA CHALCOGRAMMA	455.	89.4	2126.2	3840.2
TOTAL	509.	100.0	2378.5	4296.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	4.1	28.0	50.6
MERLUCCIUS PRODUCTUS	10.	6.8	46.7	84.4
THERAGRA CHALCOGRAMMA	132.	89.2	616.8	1114.1
TOTAL	148.	100.0	691.6	1249.1

TABLE:	98	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	49 19.0 N 123 20.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 20	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1025 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	8.72

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	21.	2.3	101.4	183.1
LEUROGLOSSUS STILBIUS	5.	0.5	24.2	43.6
MERLUCCIUS PRODUCTUS	13.	1.4	62.8	113.4
THERAGRA CHALCOGRAMMA	880.	95.8	4251.2	7673.6
TOTAL	919.	100.0	4439.6	8013.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	5.3	33.8	61.0
MERLUCCIUS PRODUCTUS	5.	3.8	24.2	43.6
THERAGRA CHALCOGRAMMA	120.	90.2	579.7	1046.4
CYCLOPTERIDAE(FAMILY)	1.	0.8	4.8	8.7
TOTAL	133.	100.0	642.5	1159.8

TABLE:	99	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	186 M3
POSITION.	49 14.9 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1110 HR	ALIQUOT:	
		DEPTH OF TOW:	136 M	S.H.F.:	7.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	16.1	21.9
LEUROGLOSSUS STILBIUS	1.	0.2	5.4	7.3
MERLUCCIUS PRODUCTUS	5.	1.0	26.9	36.5
THERAGRA CHALCOGRAMMA	511.	98.3	2747.3	3725.2
TOTAL	520.	100.0	2795.7	3790.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	29.3	129.0	175.0
MERLUCCIUS PRODUCTUS	1.	1.2	5.4	7.3
THERAGRA CHALCOGRAMMA	57.	69.5	306.5	415.5
TOTAL	82.	100.0	440.9	597.8

TABLE:	100	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	268 M3
POSITION:	49 16.5 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	1155 HR	ALIQUOT:	
		DEPTH OF TOW:	201 M	S.H.F.:	7.49

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	27.	1.7	100.7	202.2
LEUROGLOSSUS STILBIUS	24.	1.5	89.6	179.8
MERLUCCIUS PRODUCTUS	97.	6.0	361.9	726.5
THERAGRA CHALCOGRAMMA	1470.	90.9	5485.1	11010.3
TOTAL	1618.	100.0	6037.3	12118.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.5	3.7	7.5
LEUROGLOSSUS STILBIUS	16.	7.8	59.7	119.8
MERLUCCIUS PRODUCTUS	12.	5.9	44.8	89.9
THERAGRA CHALCOGRAMMA	175.	85.8	653.0	1310.8
TOTAL	204.	100.0	761.2	1528.0

TABLE:	101	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIOUE
SAMPLE NO.:	35	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	203 M3
POSITION:	49 17.4 N 123 28.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	170 M	TIME OF TOW:	1233 HR	ALIQUOT:	
		DEPTH OF TOW:	126 M	S.H.F.:	6.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	2.0	34.5	43.6
LEUROGLOSSUS STILBIUS	4.	1.1	19.7	24.9
MERLUCCIUS PRODUCTUS	10.	2.8	49.3	62.3
THERAGRA CHALCOGRAMMA	330.	94.0	1625.6	2055.9
TOTAL	351.	100.0	1729.1	2186.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	22.4	54.2	68.5
MERLUCCIUS PRODUCTUS	1.	2.0	4.9	6.2
THERAGRA CHALCOGRAMMA	37.	75.5	182.3	230.5
TOTAL	49.	100.0	241.4	305.3

TABLE:	102	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	227 M3
POSITION:	49 17.7 N 123 31.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	61 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1306 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	7.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.5	22.0	38.2
LEUROGLOSSUS STILBIUS	4.	0.4	17.6	30.6
MERLUCCIUS PRODUCTUS	66.	7.2	290.7	504.2
THERAGRA CHALCOGRAMMA	838.	91.8	3691.6	6402.3
TOTAL	913.	100.0	4022.0	6975.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	8.5	39.6	68.8
MERLUCCIUS PRODUCTUS	9.	8.5	39.6	68.8
THERAGRA CHALCOGRAMMA	87.	82.1	383.3	664.7
SCORPAENIDAE(FAMILY)	1.	0.9	4.4	7.6
TOTAL	106.	100.0	467.0	809.8

TABLE: 103	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80- 6	WIND VELOCITY: 7 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 37	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 22/ 3/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 175 M3
POSITION: 49 19.4 N 123 35.2 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 64 . 25	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 175 M	TIME OF TOW: 1335 HR	ALIQUOT:
	DEPTH OF TOW: 156 M	S.H.F.: 8.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.4	34.3	53.6
LEUROGLOSSUS STILBIUS	5.	0.3	28.6	44.7
MERLUCCIUS PRODUCTUS	73.	4.8	417.1	651.9
THERAGRA CHALCOGRAMMA	1431.	94.5	8177.1	12778.8
TOTAL	1515.	100.0	8657.1	13529.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	19.	30.6	108.6	169.7
MERLUCCIUS PRODUCTUS	4.	6.5	22.9	35.7
THERAGRA CHALCOGRAMMA	38.	61.3	217.1	339.3
SCORPAENIDAE(FAMILY)	1.	1.6	5.7	8.9
TOTAL	62.	100.0	354.3	553.7

TABLE:	104	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	346 M3
POSITION:	49 16.6 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1425 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	8.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	75.	0.5	216.8	661.5
MERLUCCIUS PRODUCTUS	1903.	12.7	5500.0	16784.5
THERAGRA CHALCOGRAMMA	12951.	86.8	37430.6	114227.8
TOTAL	14929.	100.0	43147.4	131673.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	2.9	8.8
LEUROGLOSSUS STILBIUS	28.	4.6	80.9	247.0
MERLUCCIUS PRODUCTUS	30.	4.9	86.7	264.6
THERAGRA CHALCOGRAMMA	552.	90.2	1595.4	4868.6
SCORPAENIDAE(FAMILY)	1.	0.2	2.9	8.8
TOTAL	612.	100.0	1768.8	5397.8

TABLE:	105	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	302 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1515 HR	ALIQUOT:	
		DEPTH OF TOW:	286 M	S.H.F.:	9.47

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	0.2	82.8	236.8
MERLUCCIUS PRODUCTUS	6827.	45.4	22606.0	64651.7
THERAGRA CHALCOGRAMMA	8174.	54.4	27066.2	77407.8
TOTAL	15026.	100.0	49755.0	142296.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	82.	8.2	271.5	776.5
MERLUCCIUS PRODUCTUS	33.	3.3	109.3	312.5
THERAGRA CHALCOGRAMMA	890.	88.6	2947.0	8428.3
TOTAL	1005.	100.0	3327.8	9517.3

TABLE:	106	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	183 M3
POSITION:	49 13.3 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	9.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	3.2	60.1	103.9
MERLUCCIUS PRODUCTUS	317.	93.2	1732.2	2995.6
THERAGRA CHALCOGRAMMA	12.	3.5	65.6	113.4
TOTAL	340.	100.0	1857.9	3213.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	28.6	10.9	18.9
MERLUCCIUS PRODUCTUS	2.	28.6	10.9	18.9
THERAGRA CHALCOGRAMMA	2.	28.6	10.9	18.9
SCORPAENIDAE(FAMILY)	1.	14.3	5.5	9.4
TOTAL	7.	100.0	38.3	66.2

TABLE: 107
CRUISE: SG 80- 6
SAMPLE NO.: 41
DATE: 24/ 3/80
VESSEL: CALIGUS
POSITION: 49 11.4 N 123 44.4 W
GRID POSITION: 64 . 35
BOTTOM DEPTH: 201 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 7 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1207 HR
DEPTH OF TOW: 170 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 199 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.0	8.5
LEUROGLOSSUS STILBIUS	9.	3.1	45.2	76.8
MERLUCCIUS PRODUCTUS	261.	89.1	1311.6	2226.3
THERAGRA CHALCOGRAMMA	22.	7.5	110.6	187.7
TOTAL	293.	100.0	1472.4	2499.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	9.1	15.1	25.6
LEUROGLOSSUS STILBIUS	8.	24.2	40.2	68.2
GADIDAE(FAMILY)	2.	6.1	10.1	17.1
MERLUCCIUS PRODUCTUS	2.	6.1	10.1	17.1
THERAGRA CHALCOGRAMMA	6.	18.2	30.2	51.2
SCORPAENIDAE(FAMILY)	12.	36.4	60.3	102.4
TOTAL	33.	100.0	165.8	281.5

TABLE:	108	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.6 C	VOL. FILTERED:	383 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	1237 HR	ALIQUOT:	
		DEPTH OF TOW:	358 M	S.H.F.:	9.35

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	3.	0.2	7.8	28.1
MERLUCCIUS PRODUCTUS	40.	2.5	104.4	374.0
THERAGRA CHALCOGRAMMA	762.	46.9	1989.6	7124.7
	819.	50.4	2138.4	7657.7
TOTAL	1624.	100.0	4240.2	15184.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	1.	0.3	2.6	9.4
LEUROGLOSSUS STILBIUS	1.	0.3	2.6	9.4
MERLUCCIUS PRODUCTUS	59.	18.5	154.0	551.7
THERAGRA CHALCOGRAMMA	135.	42.3	352.5	1262.3
SCORPAENIDAE(FAMILY)	117.	36.7	305.5	1094.0
CYCLOPTERIDAE(FAMILY)	5.	1.6	13.1	46.8
	1.	0.3	2.6	9.4
TOTAL	319.	100.0	832.9	2982.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	5.2	18.7
TOTAL	2.	100.0	5.2	18.7

TABLE:	109	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	43	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1320 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	14.58

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	4.	0.4	16.4	58.3
MERLUCCIUS PRODUCTUS	41.	3.7	168.0	597.8
THERAGRA CHALCOGRAMMA	691.	62.8	2832.0	10074.8
	365.	33.2	1495.9	5321.7
TOTAL	1101.	100.0	4512.3	16052.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	3.3	4.1	14.6
THERAGRA CHALCOGRAMMA	20.	66.7	82.0	291.6
	9.	30.0	36.9	131.2
TOTAL	30.	100.0	123.0	437.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	4.1	14.6
TOTAL	1.	100.0	4.1	14.6

TABLE: 110		WIND DIRECTION: 135 DEG		TOW SPEED: 1 MPS	
CRUISE: SG 80- 6		WIND VELOCITY: 7 MPS		TYPE OF TOW: OBLIQUE	
SAMPLE NO.: 44		WAVE HEIGHT:		GEAR TYPE: BONGO .25 M2	
DATE: 24/ 3/80		SWELL HEIGHT:		MESH SIZE: .351 MM	
VESSEL: CALIGUS		SURFACE TEMP:		VOL. FILTERED: 414 M3	
POSITION: 49 16.3 N 123 47.5 W		STD NUMBER:		DISP. VOLUME:	
GRID POSITION: 69 . 32		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH: 418 M		TIME OF TOW: 1410 HR		ALIQUOT:	
		DEPTH OF TOW: 360 M		S.H.F.: 8.71	

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	82.	1.5	198.1	714.2
MERLUCCIUS PRODUCTUS	2365.	44.6	5712.6	20599.2
THERAGRA CHALCOGRAMMA	2855.	53.8	6896.1	24867.1
TOTAL	5302.	100.0	12806.8	46180.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	69.	12.7	166.7	601.0
MERLUCCIUS PRODUCTUS	116.	21.4	280.2	1010.4
THERAGRA CHALCOGRAMMA	357.	65.9	862.3	3109.5
TOTAL	542.	100.0	1309.2	4720.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	7.2	26.1
ZOARCIDAE(FAMILY)	1.	25.0	2.4	8.7
TOTAL	4.	100.0	9.7	34.8

TABLE:	111	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	276 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1500 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	10.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	50.	0.8	181.2	503.0
MERLUCCIUS PRODUCTUS	3735.	58.6	13532.6	37574.1
THERAGRA CHALCOGRAMMA	2585.	40.6	9365.9	26005.1
TOTAL	6370.	100.0	23079.7	64082.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	39.	4.0	141.3	392.3
MERLUCCIUS PRODUCTUS	6.	0.6	21.7	60.4
THERAGRA CHALCOGRAMMA	930.	94.8	3369.6	9355.8
SCORPAENIDAE(FAMILY)	6.	0.6	21.7	60.4
TOTAL	981.	100.0	3554.3	9868.9

TABLE:	112	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	46	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	341 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1555 HR	ALIQUOT:	
		DEPTH OF TOW:	354 M	S.H.F.:	10.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	0.1	41.1	145.2
LEUROGLOSSUS STILBIUS	126.	1.2	369.5	1306.6
MERLUCCIUS PRODUCTUS	1906.	18.5	5589.4	19765.2
THERAGRA CHALCOGRAMMA	8246.	80.1	24181.8	85511.0
TOTAL	10292.	100.0	30181.8	106728.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	74.	12.7	217.0	767.4
MERLUCCIUS PRODUCTUS	362.	62.0	1061.6	3753.9
THERAGRA CHALCOGRAMMA	148.	25.3	434.0	1534.8
TOTAL	584.	100.0	1712.6	6056.1

TABLE:	113	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	47	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	269 M3
POSITION:	49 11.6 N 123 34.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1635 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	11.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.4	22.1
LEUROGLOSSUS STILBIUS	49.	3.5	182.2	541.5
MERLUCCIUS PRODUCTUS	440.	31.3	1635.7	4862.0
THERAGRA CHALCOGRAMMA	915.	65.1	3401.5	10110.8
TOTAL	1406.	100.0	5226.8	15536.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	23.	14.0	85.5	254.2
MERLUCCIUS PRODUCTUS	24.	14.6	89.2	265.2
THERAGRA CHALCOGRAMMA	117.	71.3	434.9	1292.8
TOTAL	164.	100.0	609.7	1812.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.7	11.1
TOTAL	1.	100.0	3.7	11.1

TABLE:	114	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	48	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	167 M3
POSITION:	49 10.0 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1730 HR	ALIQUOT:	
		DEPTH OF TOW:	135 M	S.H.F.:	8.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	7.2	29.9	40.5
LEUROGLOSSUS STILBIUS	1.	1.4	6.0	8.1
MERLUCCIUS PRODUCTUS	30.	43.5	179.6	243.3
THERAGRA CHALCOGRAMMA	33.	47.8	197.6	267.6
TOTAL	69.	100.0	413.2	559.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.8	6.0	8.1
LEUROGLOSSUS STILBIUS	12.	46.2	71.9	97.3
MERLUCCIUS PRODUCTUS	4.	15.4	24.0	32.4
THERAGRA CHALCOGRAMMA	7.	26.9	41.9	56.8
SCORPAENIDAE(FAMILY)	2.	7.7	12.0	16.2
TOTAL	26.	100.0	155.7	210.9

TABLE:	115	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	49	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	226 M3
POSITION:	49 7.7 N 123 36.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0755 HR	ALIQUOT:	
		DEPTH OF TOW:	177 M	S.H.F.:	7.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	1.1	26.5	47.0
LEUROGLOSSUS STILBIUS	7.	1.3	31.0	54.9
MERLUCCIUS PRODUCTUS	155.	27.9	685.8	1215.2
THERAGRA CHALCOGRAMMA	387.	69.7	1712.4	3034.1
TOTAL	555.	100.0	2455.8	4351.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	3.5	13.3	23.5
LEUROGLOSSUS STILBIUS	14.	16.5	61.9	109.8
MERLUCCIUS PRODUCTUS	21.	24.7	92.9	164.6
THERAGRA CHALCOGRAMMA	28.	32.9	123.9	219.5
SCORPAENIDAE(FAMILY)	19.	22.4	84.1	149.0
TOTAL	85.	100.0	376.1	666.4

TABLE:	116	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	50	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	349 M3
POSITION:	49 8.3 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	338 M	S.H.F.:	9.68

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	5.7	19.4
LEUROGLOSSUS STILBIUS	14.	1.6	40.1	135.5
MERLUCCIUS PRODUCTUS	238.	27.3	681.9	2303.8
THERAGRA CHALCOGRAMMA	619.	70.9	1773.6	5991.9
TOTAL	873.	100.0	2501.4	8450.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	31.	7.2	88.8	300.1
MERLUCCIUS PRODUCTUS	108.	25.1	309.5	1045.4
THERAGRA CHALCOGRAMMA	291.	67.7	833.8	2816.9
TOTAL	430.	100.0	1232.1	4162.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.9	9.7
TOTAL	1.	100.0	2.9	9.7

TABLE:	117	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	51	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	340 M3
POSITION:	49 11.6 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	0925 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	8.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	0.0	52.9	157.1
MERLUCCIUS PRODUCTUS	5292.	14.5	15564.7	46199.2
THERAGRA CHALCOGRAMMA	31158.	85.4	91641.2	272009.3
TOTAL	36468.	100.0	107258.8	318365.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	108.	100.0	317.6	942.8
TOTAL	108.	100.0	317.6	942.8

TABLE:	118	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	52	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	346 M3
POSITION:	49 14.9 N 123 30.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	8.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	13.	0.2	37.6	114.7
LEUROGLOSSUS STILBIUS	88.	1.2	254.3	776.2
MERLUCCIUS PRODUCTUS	2249.	30.0	6500.0	19836.2
THERAGRA CHALCOGRAMMA	5135.	68.6	14841.0	45290.7
TOTAL	7485.	100.0	21632.9	66017.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	44.	4.9	127.2	388.1
MERLUCCIUS PRODUCTUS	101.	11.3	291.9	890.8
THERAGRA CHALCOGRAMMA	750.	83.8	2167.6	6615.0
TOTAL	895.	100.0	2586.7	7893.9

TABLE:	119	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	53	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.8 C	VOL. FILTERED:	274 M3
POSITION:	49 12.9 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1120 HR	ALIQUOT:	
		DEPTH OF TOW:	238 M	S.H.F.:	8.69

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.2	21.9	52.1
LEUROGLOSSUS STILBIUS	30.	1.0	109.5	260.7
MERLUCCIUS PRODUCTUS	740.	25.6	2700.7	6430.6
THERAGRA CHALCOGRAMMA	2112.	73.1	7708.0	18353.3
TOTAL	2888.	100.0	10540.1	25096.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.6	8.7
LEUROGLOSSUS STILBIUS	37.	7.2	135.0	321.5
MERLUCCIUS PRODUCTUS	158.	30.7	576.6	1373.0
THERAGRA CHALCOGRAMMA	319.	61.9	1164.2	2772.1
TOTAL	515.	100.0	1879.6	4475.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.6	8.7
TOTAL	1.	100.0	3.6	8.7

TABLE:	120	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	54	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	49 11.3 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1205 HR	ALIQUOT:	
		DEPTH OF TOW:	150 M	S.H.F.:	7.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	30.	6.5	158.7	237.9
THERAGRA CHALCOGRAMMA	435.	93.5	2301.6	3449.5
TOTAL	465.	100.0	2460.3	3687.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	22.4	58.2	87.2
MERLUCCIUS PRODUCTUS	2.	4.1	10.6	15.9
THERAGRA CHALCOGRAMMA	35.	71.4	185.2	277.5
SCORPAENIDAE(FAMILY)	1.	2.0	5.3	7.9
TOTAL	49.	100.0	259.3	388.6

TABLE:	121	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	55	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	240 M3
POSITION:	49 9.9 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	235 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	194 M	S.H.F.:	8.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	0.2	54.2	105.0
MERLUCCIUS PRODUCTUS	1307.	16.8	5445.8	10560.6
THERAGRA CHALCOGRAMMA	6442.	83.0	26841.7	52051.4
TOTAL	7762.	100.0	32341.7	62717.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	39.	12.2	162.5	315.1
MERLUCCIUS PRODUCTUS	26.	8.2	108.3	210.1
THERAGRA CHALCOGRAMMA	254.	79.6	1058.3	2052.3
TOTAL	319.	100.0	1329.2	2577.5

TABLE:	122	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	56	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.1 C	VOL. FILTERED:	262 M3
POSITION:	49 6.3 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	265 M	TIME OF TOW:	1325 HR	ALIQUOT:	
		DEPTH OF TOW:	238 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	68.	0.3	259.5	619.5
MERLUCCIUS PRODUCTUS	14847.	63.3	56667.9	135256.2
THERAGRA CHALCOGRAMMA	8557.	36.5	32660.3	77954.3
TOTAL	23472.	100.0	89587.8	213829.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	2.4	42.0	100.2
MERLUCCIUS PRODUCTUS	45.	9.7	171.8	409.9
THERAGRA CHALCOGRAMMA	408.	87.9	1557.3	3716.9
TOTAL	464.	100.0	1771.0	4227.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
GILBERTIDIA SIGALUTES	1.	100.0	3.8	9.1
TOTAL	1.	100.0	3.8	9.1

TABLE:	123	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	57	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	338 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	288 M	S.H.F.:	8.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.2	14.8	42.6
MERLUCCIUS PRODUCTUS	936.	31.7	2769.2	7984.1
THERAGRA CHALCOGRAMMA	2012.	68.1	5952.7	17162.4
TOTAL	2953.	100.0	8736.7	25189.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.0	8.5
MERLUCCIUS PRODUCTUS	33.	7.5	97.6	281.5
THERAGRA CHALCOGRAMMA	407.	92.1	1204.1	3471.7
SCORPAENIDAE(FAMILY)	1.	0.2	3.0	8.5
TOTAL	442.	100.0	1307.7	3770.3

TABLE:	124	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	58	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	305 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	265 M	S.H.F.:	8.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	61.	0.7	200.0	530.7
MERLUCCIUS PRODUCTUS	1380.	15.1	4524.6	12006.0
THERAGRA CHALCOGRAMMA	7725.	84.3	25327.9	67207.5
TOTAL	9166.	100.0	30052.5	79744.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	68.	6.8	223.0	591.6
MERLUCCIUS PRODUCTUS	333.	33.1	1091.8	2897.1
THERAGRA CHALCOGRAMMA	605.	60.1	1983.6	5263.5
TOTAL	1006.	100.0	3298.4	8752.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.3	8.7
TOTAL	1.	100.0	3.3	8.7

TABLE:	125	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	59	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	253 M3
POSITION:	49 1.9 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1540 HR	ALIQUOT:	
		DEPTH OF TOW:	216 M	S.H.F.:	8.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	7.9	17.1
LEUROGLOSSUS STILBIUS	20.	1.6	79.1	171.2
MERLUCCIUS PRODUCTUS	283.	22.5	1118.6	2422.5
THERAGRA CHALCOGRAMMA	952.	75.7	3762.8	8149.1
TOTAL	1257.	100.0	4968.4	10759.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	27.	11.6	106.7	231.1
THERAGRA CHALCOGRAMMA	204.	87.6	806.3	1746.2
SCORPAENIDAE(FAMILY)	1.	0.4	4.0	8.6
CYCLOPTERIDAE(FAMILY)	1.	0.4	4.0	8.6
TOTAL	233.	100.0	920.9	1994.5

TABLE:	126	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY: 2 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	60	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 238 M3
POSITION:	49 0.2 N 123 27.3 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	49 . 38	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	240 M	TIME OF TOW: 1615 HR	ALIQUOT:
		DEPTH OF TOW: 216 M	S.H.F.: 9.11

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	4.2	9.1
LEUROGLOSSUS STILBIUS	15.	0.4	63.0	136.6
MERLUCCIUS PRODUCTUS	1257.	32.3	5281.5	11451.3
THERAGRA CHALCOGRAMMA	2618.	67.3	11000.0	23850.0
TOTAL	3891.	100.0	16348.7	35447.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	29.	7.0	121.8	264.2
MERLUCCIUS PRODUCTUS	42.	10.1	176.5	382.6
THERAGRA CHALCOGRAMMA	345.	82.7	1449.6	3142.9
PHYTICHTHYS CHIRUS	1.	0.2	4.2	9.1
TOTAL	417.	100.0	1752.1	3798.9

TABLE:	127	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	61	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	225 M3
POSITION:	49 3.8 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1710 HR	ALIQUOT:	
		DEPTH OF TOW:	209 M	S.H.F.:	9.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	8.9	18.6
LEUROGLOSSUS STILBIUS	19.	1.1	84.4	176.5
MERLUCCIUS PRODUCTUS	934.	53.6	4151.1	8676.9
THERAGRA CHALCOGRAMMA	788.	45.2	3502.2	7320.5
TOTAL	1743.	100.0	7746.7	16192.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	8.9	18.6
CLUPEA HARENGUS	1.	0.5	4.4	9.3
LEUROGLOSSUS STILBIUS	7.	3.7	31.1	65.0
MERLUCCIUS PRODUCTUS	7.	3.7	31.1	65.0
THERAGRA CHALCOGRAMMA	172.	91.0	764.4	1597.9
TOTAL	189.	100.0	840.0	1755.8

TABLE: 128
CRUISE: SG 80- 6
SAMPLE NO.: 62
DATE: 26/ 3/80
VESSEL: CALIGUS
POSITION: 49 2.7 N 123 19.3 W
GRID POSITION: 46 . 33
BOTTOM DEPTH: 210 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 7 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0805 HR
DEPTH OF TOW: 158 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 176 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	11.4	17.9
LEUROGLOSSUS STILBIUS	1.	0.1	5.7	8.9
THERAGRA CHALCOGRAMMA	769.	99.6	4369.3	6874.9
TOTAL	772.	100.0	4386.4	6901.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	10.8	56.8	89.4
CLUPEA HARENGUS	3.	3.2	17.0	26.8
LEUROGLOSSUS STILBIUS	3.	3.2	17.0	26.8
GADIDAE(FAMILY)	8.	8.6	45.5	71.5
THERAGRA CHALCOGRAMMA	61.	65.6	346.6	545.3
SCORPAENIDAE(FAMILY)	8.	8.6	45.5	71.5
TOTAL	93.	100.0	528.4	831.4

TABLE:	129	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	63	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	137 M3
POSITION:	49 1.6 N 123 16.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	44 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	0840 HR	ALIQUOT:	
		DEPTH OF TOW:	115 M	S.H.F.:	8.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.9	7.3	8.4
LEUROGLOSSUS STILBIUS	1.	2.9	7.3	8.4
MERLUCCIUS PRODUCTUS	2.	5.7	14.6	16.8
THERAGRA CHALCOGRAMMA	31.	88.6	226.3	260.1
TOTAL	35.	100.0	255.5	293.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.2	7.3	8.4
LEUROGLOSSUS STILBIUS	7.	8.3	51.1	58.7
GADIDAE(FAMILY)	3.	3.6	21.9	25.2
THERAGRA CHALCOGRAMMA	35.	41.7	255.5	293.7
STICHAEIDAE(FAMILY)	8.	9.5	58.4	67.1
PHOLIDAE(FAMILY)	8.	9.5	58.4	67.1
SCORPAENIDAE(FAMILY)	18.	21.4	131.4	151.0
HEXAGRAMMIDAE(FAMILY)	1.	1.2	7.3	8.4
AGONIDAE(FAMILY)	1.	1.2	7.3	8.4
CYCLOPTERIDAE(FAMILY)	2.	2.4	14.6	16.8
TOTAL	84.	100.0	613.1	704.8

TABLE:	130	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	64	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.5 C	VOL. FILTERED:	215 M3
POSITION:	49 0.2 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	0920 HR	ALIQUOT:	
		DEPTH OF TOW:	231 M	S.H.F.:	10.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.0	27.9	64.4
LEUROGLOSSUS STILBIUS	6.	0.0	27.9	64.4
MERLUCCIUS PRODUCTUS	4000.	31.3	18604.7	42960.0
THERAGRA CHALCOGRAMMA	8752.	68.6	40707.0	93996.5
TOTAL	12764.	100.0	59367.4	137085.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	3.3	93.0	214.8
MERLUCCIUS PRODUCTUS	250.	41.3	1162.8	2685.0
THERAGRA CHALCOGRAMMA	332.	54.9	1544.2	3565.7
PHOLIDAE(FAMILY)	1.	0.2	4.7	10.7
SCORPAENIDAE(FAMILY)	2.	0.3	9.3	21.5
TOTAL	605.	100.0	2814.0	6497.7

TABLE:	131	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	65	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	193 M3
POSITION:	48 57.7 N 123 18.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	153 M	S.H.F.:	7.96

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	5.2	8.0
MERLUCCIUS PRODUCTUS	52.	17.0	269.4	413.9
THERAGRA CHALCOGRAMMA	252.	82.6	1305.7	2005.9
TOTAL	305.	100.0	1580.3	2427.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	4.5	20.7	31.8
THERAGRA CHALCOGRAMMA	84.	95.5	435.2	668.6
TOTAL	88.	100.0	456.0	700.5

TABLE:	132	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	66	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	48 58.2 N 123 14.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	41 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	155 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	127 M	S.H.F.:	7.04

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	4.8	38.9	49.3
THERAGRA CHALCOGRAMMA	139.	95.2	772.2	978.6
TOTAL	146.	100.0	811.1	1027.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	8.5	22.2	28.2
MERLUCCIUS PRODUCTUS	2.	4.3	11.1	14.1
THERAGRA CHALCOGRAMMA	37.	78.7	205.6	260.5
PHOLIDAE(FAMILY)	3.	6.4	16.7	21.1
SCORPAENIDAE(FAMILY)	1.	2.1	5.6	7.0
TOTAL	47.	100.0	261.1	330.9

TABLE:	133	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	67	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	48 56.0 N 123 15.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	160 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	134 M	S.H.F.:	8.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	0.1	6.3	8.4
THERAGRA CHALCOGRAMMA	796.	99.9	5006.3	6710.3
TOTAL	797.	100.0	5012.6	6718.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	24.5	81.8	109.6
MERLUCCIUS PRODUCTUS	1.	1.9	6.3	8.4
THERAGRA CHALCOGRAMMA	37.	69.8	232.7	311.9
LYCONECTES ALEUTENSIS	1.	1.9	6.3	8.4
OPHIODON ELONGATUS	1.	1.9	6.3	8.4
TOTAL	53.	100.0	333.3	446.8

TABLE: 134	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80- 6	WIND VELOCITY: 10 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 68	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 26/ 3/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 124 M3
POSITION: 48 56.5 N 123 10.9 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 38 . 35	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 130 M	TIME OF TOW: 1205 HR	ALIQUOT:
	DEPTH OF TOW: 110 M	S.H.F.: 8.89

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.6	8.1	8.9
THERAGRA CHALCOGRAMMA	61.	98.4	491.9	542.3
TOTAL	62.	100.0	500.0	551.2

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.6	8.1	8.9
LEUROGLOSSUS STILBIUS	2.	5.3	16.1	17.8
GADIDAE(FAMILY)	1.	2.6	8.1	8.9
THERAGRA CHALCOGRAMMA	19.	50.0	153.2	168.9
STICHAEIDAE(FAMILY)	2.	5.3	16.1	17.8
PHOLIDAE(FAMILY)	1.	2.6	8.1	8.9
SCORPAENIDAE(FAMILY)	11.	28.9	88.7	97.8
CYCLOPTERIDAE(FAMILY)	1.	2.6	8.1	8.9
TOTAL	38.	100.0	306.5	337.8

TABLE:	135	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	12 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	69	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	130 M3
POSITION:	48 53.8 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	135 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	100 M	S.H.F.:	7.69

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	1.6	7.7	7.7
THERAGRA CHALCOGRAMMA	61.	98.4	469.2	469.1
TOTAL	62.	100.0	476.9	476.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	6.1	15.4	15.4
THERAGRA CHALCOGRAMMA	27.	81.8	207.7	207.6
SCORPAENIDAE(FAMILY)	2.	6.1	15.4	15.4
CYCLOPTERIDAE(FAMILY)	2.	6.1	15.4	15.4
TOTAL	33.	100.0	253.8	253.8

TABLE:	136	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	12 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	70	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.8 C	VOL. FILTERED:	223 M3
POSITION:	48 52.3 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	37 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1330 HR	ALIQUOT:	
		DEPTH OF TOW:	184 M	S.H.F.:	8.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	0.1	22.4	41.1
MERLUCCIUS PRODUCTUS	10.	0.2	44.8	82.2
THERAGRA CHALCOGRAMMA	6020.	99.8	26995.5	49484.4
TOTAL	6035.	100.0	27062.8	49607.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	4.7	22.4	41.1
LEUROGLOSSUS STILBIUS	10.	9.4	44.8	82.2
THERAGRA CHALCOGRAMMA	91.	85.8	408.1	748.0
TOTAL	106.	100.0	475.3	871.3

TABLE:	137	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-´6	WIND VELOCITY:	12 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	71	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	208 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	163 M	S.H.F.:	7.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3.	0.1	14.4	23.6
THERAGRA CHALCOGRAMMA	3952.	99.9	19000.0	31062.7
TOTAL	3955.	100.0	19014.4	31086.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	7.9	14.4	23.6
THERAGRA CHALCOGRAMMA	35.	92.1	168.3	275.1
TOTAL	38.	100.0	182.7	298.7

TABLE:	138	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	72	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.531 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	146 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	112 M	S.H.F.:	7.01

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.3	18.9	21.0
THERAGRA CHALCOGRAMMA	223.	98.7	1402.5	1563.2
TOTAL	226.	100.0	1421.4	1584.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	13.8	25.2	28.0
MERLUCCIUS PRODUCTUS	2.	6.9	12.6	14.0
THERAGRA CHALCOGRAMMA	16.	55.2	100.6	112.2
SCORPAENIDAE(FAMILY)	7.	24.1	44.0	49.1
TOTAL	29.	100.0	182.4	203.3

TABLE:	139	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	73	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	211 M3
POSITION:	48 49.7 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1515 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	7.33

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	1.8	28.4	44.0
MERLUCCIUS PRODUCTUS	2.	0.6	9.5	14.7
THERAGRA CHALCOGRAMMA	318.	97.5	1507.1	2330.9
TOTAL	326.	100.0	1545.0	2389.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.2	4.7	7.3
MERLUCCIUS PRODUCTUS	4.	8.9	19.0	29.3
THERAGRA CHALCOGRAMMA	28.	62.2	132.7	205.2
SCORPAENIDAE(FAMILY)	8.	17.8	37.9	58.6
COTTIDAE(FAMILY)	3.	6.7	14.2	22.0
CYCLOPTERIDAE(FAMILY)	1.	2.2	4.7	7.3
TOTAL	45.	100.0	213.3	329.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	4.7	7.3
TOTAL	1.	100.0	4.7	7.3

TABLE:	140	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	74	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	205 M3
POSITION:	48 48.6 N 123 2.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1540 HR	ALIQUOT:	
		DEPTH OF TOW:	149 M	S.H.F.:	7.24

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	19.5	29.0
THERAGRA CHALCOGRAMMA	764.	99.5	3726.8	5531.4
TOTAL	768.	100.0	3746.3	5560.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	6.7	14.6	21.7
MERLUCCIUS PRODUCTUS	1.	2.2	4.9	7.2
THERAGRA CHALCOGRAMMA	26.	57.8	126.8	188.2
PHOLIDAE(FAMILY)	3.	6.7	14.6	21.7
SCORPAENIDAE(FAMILY)	9.	20.0	43.9	65.2
COTTIDAE(FAMILY)	2.	4.4	9.8	14.5
CYCLOPTERIDAE(FAMILY)	1.	2.2	4.9	7.2
TOTAL	45.	100.0	219.5	325.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	4.9	7.2
TOTAL	1.	100.0	4.9	7.2

TABLE:	141	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	75	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	235 M3
POSITION:	48 49.3 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1610 HR	ALIQUOT:	
		DEPTH OF TOW:	193 M	S.H.F.:	8.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.3	21.3	41.1
THERAGRA CHALCOGRAMMA	372.	98.7	1583.0	3057.8
TOTAL	377.	100.0	1604.3	3098.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	20.5	68.1	131.5
MERLUCCIUS PRODUCTUS	2.	2.6	8.5	16.4
THERAGRA CHALCOGRAMMA	33.	42.3	140.4	271.3
STICHAEIDAE(FAMILY)	1.	1.3	4.3	8.2
PHOLID/E(FAMILY)	1.	1.3	4.3	8.2
SCORPAENIDAE(FAMILY)	23.	29.5	97.9	189.1
COTTIDAE(FAMILY)	2.	2.6	8.5	16.4
TOTAL	78.	100.0	331.9	641.2

TABLE:	142	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	76	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	7.9 C	VOL. FILTERED:	209 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1640 HR	ALIQUOT:	
		DEPTH OF TOW:	168 M	S.H.F.:	8.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	19.1	32.1
LEUROGLOSSUS STILBIUS	1.	0.1	4.8	8.0
MERLUCCIUS PRODUCTUS	11.	0.8	52.6	88.3
THERAGRA CHALCOGRAMMA	1312.	98.8	6277.5	10535.4
TOTAL	1328.	100.0	6354.1	10663.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	3.4	19.1	32.1
MERLUCCIUS PRODUCTUS	14.	11.8	67.0	112.4
THERAGRA CHALCOGRAMMA	69.	58.0	330.1	554.1
PHOLIDAE(FAMILY)	4.	3.4	19.1	32.1
SCORPAENIDAE(FAMILY)	23.	19.3	110.0	184.7
CYCLOPTERIDAE(FAMILY)	4.	3.4	19.1	32.1
PLEURONECTIDAE(FAMILY)	1.	0.8	4.8	8.0
TOTAL	119.	100.0	569.4	955.6

TABLE:	143	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	77	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	48 48.5 N 122 55.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	163 M	S.H.F.:	6.69

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	1.8	73.8	120.4
MERLUCCIUS PRODUCTUS	8.	0.8	32.8	53.5
THERAGRA CHALCOGRAMMA	950.	97.3	3893.4	6355.5
TOTAL	976.	100.0	4000.0	6529.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.6	4.1	6.7
MERLUCCIUS PRODUCTUS	14.	8.2	57.4	93.7
THERAGRA CHALCOGRAMMA	76.	44.4	311.5	508.4
PHOLIDAE(FAMILY)	9.	5.3	36.9	60.2
SCORPAENIDAE(FAMILY)	58.	33.9	237.7	388.0
COTTIDAE(FAMILY)	4.	2.3	16.4	26.8
AGONIDAE(FAMILY)	2.	1.2	8.2	13.4
CYCLOPTERIDAE(FAMILY)	7.	4.1	28.7	46.8
TOTAL	171.	100.0	700.8	1144.0

TABLE:	144	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	78	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.531 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	48 50.0 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0900 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	8.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.5	9.0	16.1
THERAGRA CHALCOGRAMMA	403.	99.5	1807.2	3248.2
TOTAL	405.	100.0	1816.1	3264.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.0	9.0	16.1
LEUROGLOSSUS STILBIUS	2.	2.0	9.0	16.1
GADIDAE(FAMILY)	1.	1.0	4.5	8.1
MERLUCCIUS PRODUCTUS	2.	2.0	9.0	16.1
THERAGRA CHALCOGRAMMA	39.	38.6	174.9	314.3
PHOLIDAE(FAMILY)	9.	8.9	40.4	72.5
SCORPAENIDAE(FAMILY)	38.	37.6	170.4	306.3
COTTIDAE(FAMILY)	3.	3.0	13.5	24.2
AGONIDAE(FAMILY)	1.	1.0	4.5	8.1
CYCLOPTERIDAE(FAMILY)	4.	4.0	17.9	32.2
TOTAL	101.	100.0	452.9	814.1

TABLE:	145	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	79	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.531 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	201 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	149 M	S.H.F.:	7.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.0	7.4
MERLUCCIUS PRODUCTUS	3.	0.8	14.9	22.4
THERAGRA CHALCOGRAMMA	366.	98.9	1820.9	2726.7
TOTAL	370.	100.0	1840.8	2756.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.4	5.0	7.4
LEUROGLOSSUS STILBIUS	1.	1.4	5.0	7.4
MERLUCCIUS PRODUCTUS	5.	7.2	24.9	37.3
THERAGRA CHALCOGRAMMA	38.	55.1	189.1	283.1
PHOLIDAE(FAMILY)	6.	8.7	29.9	44.7
SCORPAENIDAE(FAMILY)	14.	20.3	69.7	104.3
COTTIDAE(FAMILY)	2.	2.9	10.0	14.9
CYCLOPTERIDAE(FAMILY)	2.	2.9	10.0	14.9
TOTAL	69.	100.0	343.3	514.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	2.	100.0	10.0	14.9
TOTAL	2.	100.0	10.0	14.9

TABLE:	146	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	222 M3
POSITION:	48 51.7 N 122 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	215 M	TIME OF TOW:	1005 HR	ALIQUOT:	
		DEPTH OF TOW:	192 M	S.H.F.:	8.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.2	4.5	8.7
MERLUCCIUS PRODUCTUS	8.	1.7	36.0	69.3
THERAGRA CHALCOGRAMMA	456.	98.1	2054.1	3949.0
TOTAL	465.	100.0	2094.6	4026.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	1.0	4.5	8.7
GADIDAE(FAMILY)	3.	2.9	13.5	26.0
MERLUCCIUS PRODUCTUS	7.	6.9	31.5	60.6
THERAGRA CHALCOGRAMMA	42.	41.2	189.2	363.7
STICHAEIDAE(FAMILY)	1.	1.0	4.5	8.7
PHOLIDAE(FAMILY)	3.	2.9	13.5	26.0
SCORPAENIDAE(FAMILY)	29.	28.4	130.6	251.1
COTTIDAE(FAMILY)	8.	7.8	36.0	69.3
CYCLOPTERIDAE(FAMILY)	8.	7.8	36.0	69.3
TOTAL	102.	100.0	459.5	883.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LYCONECTES ALEUTENSIS	1.	100.0	4.5	8.7
TOTAL	1.	100.0	4.5	8.7

TABLE:	147	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	81	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	131 M3
POSITION:	48 52.3 N 122 55.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	7.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.9	15.3	15.1
MERLUCCIUS PRODUCTUS	5.	2.2	38.2	37.9
THERAGRA CHALCOGRAMMA	220.	96.9	1679.4	1665.4
TOTAL	227.	100.0	1732.8	1718.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.7	15.3	15.1
MERLUCCIUS PRODUCTUS	1.	1.3	7.6	7.6
THERAGRA CHALCOGRAMMA	38.	50.7	290.1	287.7
STICHAEIDAE(FAMILY)	1.	1.3	7.6	7.6
PHOLIDAE(FAMILY)	3.	4.0	22.9	22.7
SCORPAENIDAE(FAMILY)	20.	26.7	152.7	151.4
COTTIDAE(FAMILY)	2.	2.7	15.3	15.1
AGONIDAE(FAMILY)	3.	4.0	22.9	22.7
CYCLOPTERIDAE(FAMILY)	5.	6.7	38.2	37.9
TOTAL	75.	100.0	572.5	567.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CYCLOPTERIDAE(FAMILY)	1.	100.0	7.6	7.6
TOTAL	1.	100.0	7.6	7.6

TABLE:	148	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	82	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	124 M3
POSITION:	48 54.0 N 122 56.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	1100 HR	ALIQUOT:	
		DEPTH OF TOW:	101 M	S.H.F.:	8.15

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	8.1	8.1
THERAGRA CHALCOGRAMMA	147.	99.3	1185.5	1198.0
TOTAL	148.	100.0	1193.5	1206.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.0	8.1	8.1
LEUROGLOSSUS STILBIUS	2.	4.1	16.1	16.3
THERAGRA CHALCOGRAMMA	17.	34.7	137.1	138.5
PHOLIDAE(FAMILY)	8.	16.3	64.5	65.2
SCORPAENIDAE(FAMILY)	12.	24.5	96.8	97.8
COTTIDAE(FAMILY)	2.	4.1	16.1	16.3
CYCLOPTERIDAE(FAMILY)	7.	14.3	56.5	57.0
TOTAL	49.	100.0	395.2	399.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
OPHIODON ELONGATUS	1.	50.0	8.1	8.1
RHAMPHOCOTTUS RICHARDSONI	1.	50.0	8.1	8.1
TOTAL	2.	100.0	16.1	16.3

TABLE:	149	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	83	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	48 54.3 N 123 0.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	124 M	S.H.F.:	7.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	16.7	113.2	141.1
THERAGRA CHALCOGRAMMA	90.	83.3	566.0	705.6
TOTAL	108.	100.0	679.2	846.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	1.9	6.3	7.8
MERLUCCIUS PRODUCTUS	1.	1.9	6.3	7.8
THERAGRA CHALCOGRAMMA	29.	53.7	182.4	227.4
STICHAEIDAE(FAMILY)	2.	3.7	12.6	15.7
PHOLIDAE(FAMILY)	4.	7.4	25.2	31.4
LYCONECTES ALEUTENSIS	1.	1.9	6.3	7.8
SCORPAENIDAE(FAMILY)	11.	20.4	69.2	86.2
COTTIDAE(FAMILY)	2.	3.7	12.6	15.7
CYCLOPTERIDAE(FAMILY)	3.	5.6	18.9	23.5
TOTAL	54.	100.0	339.6	423.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LYCONECTES ALEUTENSIS	1.	100.0	6.3	7.8
TOTAL	1.	100.0	6.3	7.8

TABLE:	150	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	84	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	48 51.8 N 123 2.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1200 HR	ALIQUOT:	
		DEPTH OF TOW:	142 M	S.H.F.:	7.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	21.	11.4	111.1	157.7
THERAGRA CHALCOGRAMMA	164.	88.6	867.7	1231.6
TOTAL	185.	100.0	978.8	1389.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	3.6	10.6	15.0
THERAGRA CHALCOGRAMMA	27.	49.1	142.9	202.8
PHOLIDAE(FAMILY)	8.	14.5	42.3	60.1
SCORPAENIDAE(FAMILY)	14.	25.5	74.1	105.1
CYCLOPTERIDAE(FAMILY)	4.	7.3	21.2	30.0
TOTAL	55.	100.0	291.0	413.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	50.0	5.3	7.5
COTTIDAE(FAMILY)	1.	50.0	5.3	7.5
TOTAL	2.	100.0	10.6	15.0

TABLE:	151	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	85	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	151 M3
POSITION:	48 52.1 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	1230 HR	ALIQUOT:	
		DEPTH OF TOW:	112 M	S.H.F.:	7.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	6.7	46.4	52.0
MERLUCCIUS PRODUCTUS	1.	1.0	6.6	7.4
THERAGRA CHALCOGRAMMA	96.	92.3	635.8	713.3
TOTAL	104.	100.0	688.7	772.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.2	13.2	14.9
CLUPEA HARENGUS	1.	1.1	6.6	7.4
LEUROGLOSSUS STILBIUS	6.	6.7	39.7	44.6
GADIDAE(FAMILY)	2.	2.2	13.2	14.9
MERLUCCIUS PRODUCTUS	3.	3.4	19.9	22.3
THERAGRA CHALCOGRAMMA	24.	27.0	158.9	178.3
PHOLIDAE(FAMILY)	14.	15.7	92.7	104.0
SCORPAENIDAE(FAMILY)	28.	31.5	185.4	208.0
COTTIDAE(FAMILY)	3.	3.4	19.9	22.3
CYCLOPTERIDAE(FAMILY)	6.	6.7	39.7	44.6
TOTAL	89.	100.0	589.4	661.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	6.6	7.4
TOTAL	1.	100.0	6.6	7.4

TABLE:	152	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	86	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	132 M3
POSITION:	48 53.8 N 123 4.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	125 M	TIME OF TOW:	1255 HR	ALIQUOT:	
		DEPTH OF TOW:	102 M	S.H.F.:	7.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	4.6	30.3	31.0
MERLUCCIUS PRODUCTUS	1.	1.1	7.6	7.8
THERAGRA CHALCOGRAMMA	82.	94.3	621.2	636.3
TOTAL	87.	100.0	659.1	675.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	3.6	15.2	15.5
THERAGRA CHALCOGRAMMA	37.	66.1	280.3	287.1
PHOLIDAE(FAMILY)	3.	5.4	22.7	23.3
SCORPAENIDAE(FAMILY)	11.	19.6	83.3	85.4
COTTIDAE(FAMILY)	2.	3.6	15.2	15.5
CYCLOPTERIDAE(FAMILY)	1.	1.8	7.6	7.8
TOTAL	56.	100.0	424.2	434.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	7.6	7.8
TOTAL	1.	100.0	7.6	7.8

TABLE:	153	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	87	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	130 M3
POSITION:	48 55.1 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	100 M	S.H.F.:	7.66

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.3	15.4	15.3
MERLUCCIUS PRODUCTUS	3.	2.0	23.1	23.0
THERAGRA CHALCOGRAMMA	144.	96.6	1107.7	1103.0
TOTAL	149.	100.0	1146.2	1141.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	24.	68.6	184.6	183.8
STICHAEIDAE(FAMILY)	1.	2.9	7.7	7.7
PHOLIDAE(FAMILY)	1.	2.9	7.7	7.7
SCORPAENIDAE(FAMILY)	8.	22.9	61.5	61.3
COTTIDAE(FAMILY)	1.	2.9	7.7	7.7
TOTAL	35.	100.0	269.2	268.1

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	100.0	7.7	7.7
TOTAL	1.	100.0	7.7	7.7

TABLE:	154	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	88	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	130 M3
POSITION:	48 56.3 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	1340 HR	ALIQUOT:	
		DEPTH OF TOW:	109 M	S.H.F.:	8.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	1.9	7.7	8.4
THERAGRA CHALCOGRAMMA	51.	98.1	392.3	430.4
TOTAL	52.	100.0	400.0	438.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.4	7.7	8.4
GADIDAE(FAMILY)	1.	2.4	7.7	8.4
MERLUCCIUS PRODUCTUS	1.	2.4	7.7	8.4
THERAGRA CHALCOGRAMMA	29.	70.7	223.1	244.8
STICHAEIDAE(FAMILY)	1.	2.4	7.7	8.4
PHOLIDAE(FAMILY)	2.	4.9	15.4	16.9
SCORPAENIDAE(FAMILY)	6.	14.6	46.2	50.6
TOTAL	41.	100.0	315.4	346.0

TABLE:	155	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	89	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.2 C	VOL. FILTERED:	207 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1430 HR	ALIQUOT:	
		DEPTH OF TOW:	158 M	S.H.F.:	7.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	19.3	30.5
LEUROGLOSSUS STILBIUS	2.	0.1	9.7	15.2
MERLUCCIUS PRODUCTUS	61.	2.0	294.7	464.8
THERAGRA CHALCOGRAMMA	3018.	97.8	14579.7	22997.2
TOTAL	3085.	100.0	14903.4	23507.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	5.4	38.6	61.0
MERLUCCIUS PRODUCTUS	17.	11.5	82.1	129.5
THERAGRA CHALCOGRAMMA	113.	76.4	545.9	861.1
SCORPAENIDAE(FAMILY)	6.	4.1	29.0	45.7
COTTIDAE(FAMILY)	3.	2.0	14.5	22.9
CYCLOPTERIDAE(FAMILY)	1.	0.7	4.8	7.6
TOTAL	148.	100.0	715.0	1127.8

TABLE:	156	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	90	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	48 55.6 N 123 21.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1505 HR	ALIQUOT:	
		DEPTH OF TOW:	164 M	S.H.F.:	8.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.2	27.0	44.2
LEUROGLOSSUS STILBIUS	12.	0.4	64.9	106.0
MERLUCCIUS PRODUCTUS	2363.	84.3	12773.0	20865.3
THERAGRA CHALCOGRAMMA	424.	15.1	2291.9	3743.9
TOTAL	2804.	100.0	15156.8	24759.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	5.5	70.3	114.8
THERAGRA CHALCOGRAMMA	212.	90.2	1145.9	1872.0
STICHAEIDAE(FAMILY)	1.	0.4	5.4	8.8
PHOLIDAE(FAMILY)	3.	1.3	16.2	26.5
SCORPAENIDAE(FAMILY)	6.	2.6	32.4	53.0
TOTAL	235.	100.0	1270.3	2075.1

TABLE:	157	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 6	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	91	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 3/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	204 M3
POSITION:	48 57.7 N 123 24.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1600 HR	ALIQUOT:	
		DEPTH OF TOW:	193 M	S.H.F.:	9.47

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	58.	0.5	284.3	549.3
MERLUCCIUS PRODUCTUS	6787.	52.8	33269.6	64272.9
THERAGRA CHALCOGRAMMA	6010.	46.8	29460.8	56914.7
TOTAL	12855.	100.0	63014.7	121736.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	3.1	49.0	94.7
MERLUCCIUS PRODUCTUS	10.	3.1	49.0	94.7
THERAGRA CHALCOGRAMMA	288.	90.6	1411.8	2727.4
SCORPAENIDAE(FAMILY)	10.	3.1	49.0	94.7
TOTAL	318.	100.0	1558.8	3011.5

TABLE:	158	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	377 M3
POSITION:	49 26.3 N 124 3.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	83 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	336 M	S.H.F.:	8.91

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.7	13.3	44.5
LEUROGLOSSUS STILBIUS	6.	2.0	15.9	53.5
MERLUCCIUS PRODUCTUS	127.	42.2	336.9	1131.6
THERAGRA CHALCOGRAMMA	163.	54.2	432.4	1452.3
TOTAL	301.	100.0	798.4	2681.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	10.5	58.4	196.0
MERLUCCIUS PRODUCTUS	123.	58.9	326.3	1095.9
THERAGRA CHALCOGRAMMA	64.	30.6	169.8	570.2
TOTAL	209.	100.0	554.4	1862.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	2.7	8.9
TOTAL	1.	100.0	2.7	8.9

TABLE:	159	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	278 M3
POSITION:	49 29.5 N 124 5.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	86 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	410 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	386 M	S.H.F.:	13.91

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	1.8	14.4	55.6
MERLUCCIUS PRODUCTUS	146.	65.8	525.2	2030.9
THERAGRA CHALCOGRAMMA	72.	32.4	259.0	1001.5
TOTAL	222.	100.0	798.6	3088.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	19.6	32.4	125.2
MERLUCCIUS PRODUCTUS	26.	56.5	93.5	361.7
THERAGRA CHALCOGRAMMA	9.	19.6	32.4	125.2
SCORPAENIDAE(FAMILY)	2.	4.3	7.2	27.8
TOTAL	46.	100.0	165.5	639.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.6	13.9
TOTAL	1.	100.0	3.6	13.9

TABLE:	160	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	295 M3
POSITION:	49 34.0 N 124 8.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	90 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1510 HR	ALIQUOT:	
		DEPTH OF TOW:	346 M	S.H.F.:	11.75

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	5.	3.3	16.9	58.8
MERLUCCIUS PRODUCTUS	2.	1.3	6.8	23.5
THERAGRA CHALCOGRAMMA	101.	66.9	342.4	1186.8
	43.	28.5	145.8	505.3
TOTAL	151.	100.0	511.9	1774.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.8	3.4	11.8
LEUROGLOSSUS STILBIUS	10.	17.5	33.9	117.5
MERLUCCIUS PRODUCTUS	36.	63.2	122.0	423.0
THERAGRA CHALCOGRAMMA	10.	17.5	33.9	117.5
TOTAL	57.	100.0	193.2	669.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	6.8	23.5
TOTAL	2.	100.0	6.8	23.5

TABLE:	161	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	288 M3
POSITION:	49 37.7 N 124 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1610 HR	ALIQUOT:	
		DEPTH OF TOW:	323 M	S.H.F.:	11.21

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	4.4	41.7	134.5
MERLUCCIUS PRODUCTUS	173.	63.6	600.7	1939.3
THERAGRA CHALCOGRAMMA	87.	32.0	302.1	975.3
TOTAL	272.	100.0	944.4	3049.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	3.0	3.5	11.2
LEUROGLOSSUS STILBIUS	18.	54.5	62.5	201.8
MERLUCCIUS PRODUCTUS	9.	27.3	31.3	100.9
THERAGRA CHALCOGRAMMA	5.	15.2	17.4	56.0
TOTAL	33.	100.0	114.6	369.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.5	11.2
TOTAL	1.	100.0	3.5	11.2

TABLE:	162	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	315 M3
POSITION:	49 41.4 N 124 18.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1718 HR	ALIQUOT:	
		DEPTH OF TOW:	285 M	S.H.F.:	9.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	7.6	22.2	63.4
MERLUCCIUS PRODUCTUS	65.	70.7	206.3	588.3
THERAGRA CHALCOGRAMMA	20.	21.7	63.5	181.0
TOTAL	92.	100.0	292.1	832.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	12.	32.4	38.1	108.6
LEUROGLOSSUS STILBIUS	19.	51.4	60.3	171.9
MERLUCCIUS PRODUCTUS	3.	8.1	9.5	27.2
SCORPAENIDAE(FAMILY)	3.	8.1	9.5	27.2
TOTAL	37.	100.0	117.5	334.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.2	9.1
TOTAL	1.	100.0	3.2	9.1

TABLE:	163	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:	8.0 C	VOL. FILTERED:	328 M3
POSITION:	49 44.2 N 124 24.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	1815 HR	ALIQUOT:	
		DEPTH OF TOW:	268 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	1.1	3.0	8.2
MERLUCCIUS PRODUCTUS	3.	3.4	9.1	24.5
THERAGRA CHALCOGRAMMA	59.	66.3	179.9	482.6
	26.	29.2	79.3	212.7
TOTAL	89.	100.0	271.3	728.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	21.	50.0	64.0	171.8
LEUROGLOSSUS STILBIUS	15.	35.7	45.7	122.7
MERLUCCIUS PRODUCTUS	3.	7.1	9.1	24.5
THERAGRA CHALCOGRAMMA	1.	2.4	3.0	8.2
SCORPAENIDAE(FAMILY)	2.	4.8	6.1	16.4
TOTAL	42.	100.0	128.0	343.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	100.0	3.0	8.2
TOTAL	1.	100.0	3.0	8.2

TABLE:	164	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	306 M3
POSITION:	49 46.3 N 124 30.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	0755 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	9.04

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.8	3.3	9.0
LEUROGLOSSUS STILBIUS	4.	3.1	13.1	36.2
MERLUCCIUS PRODUCTUS	97.	74.6	317.0	876.9
THERAGRA CHALCOGRAMMA	28.	21.5	91.5	253.1
TOTAL	130.	100.0	424.8	1175.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.3	3.3	9.0
CLUPEA HARENGUS	28.	65.1	91.5	253.1
LEUROGLOSSUS STILBIUS	13.	30.2	42.5	117.5
MERLUCCIUS PRODUCTUS	1.	2.3	3.3	9.0
TOTAL	43.	100.0	140.5	388.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	50.0	3.3	9.0
COTTIDAE(FAMILY)	1.	50.0	3.3	9.0
TOTAL	2.	100.0	6.5	18.1

TABLE:	165	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	260 M3
POSITION:	49 49.9 N 124 36.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	0905 HR	ALIQUOT:	
		DEPTH OF TOW:	213 M	S.H.F.:	8.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.3	19.2	41.0
LEUROGLOSSUS STILBIUS	2.	0.1	7.7	16.4
MERLUCCIUS PRODUCTUS	1611.	99.4	6196.2	13210.2
THERAGRA CHALCOGRAMMA	2.	0.1	7.7	16.4
TOTAL	1620.	100.0	6230.8	13284.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1075.	98.6	4134.6	8815.0
LEUROGLOSSUS STILBIUS	9.	0.8	34.6	73.8
MERLUCCIUS PRODUCTUS	4.	0.4	15.4	32.8
SCORPAENIDAE(FAMILY)	1.	0.1	3.8	8.2
COTTIDAE(FAMILY)	1.	0.1	3.8	8.2
TOTAL	1090.	100.0	4192.3	8938.0

TABLE:	166	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	153 M3
POSITION:	49 50.4 N 124 44.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	150 M	TIME OF TOW:	1007 HR	ALIQUOT:	
		DEPTH OF TOW:	133 M	S.H.F.:	8.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	6.5	8.7
MERLUCCIUS PRODUCTUS	909.	88.0	5941.2	7890.1
THERAGRA CHALCOGRAMMA	123.	11.9	803.9	1067.6
TOTAL	1033.	100.0	6751.6	8966.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	14.	43.8	91.5	121.5
LEUROGLOSSUS STILBIUS	7.	21.9	45.8	60.8
MERLUCCIUS PRODUCTUS	8.	25.0	52.3	69.4
THERAGRA CHALCOGRAMMA	3.	9.4	19.6	26.0
TOTAL	32.	100.0	209.2	277.8

TABLE:	167	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	286 M3
POSITION:	49 52.2 N 124 52.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	265 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	263 M	S.H.F.:	9.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	5.	83.3	17.5	45.9
THERAGRA CHALCOGRAMMA	1.	16.7	3.5	9.2
TOTAL	6.	100.0	21.0	55.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	42.	89.4	146.9	385.6
LEUROGLOSSUS STILBIUS	3.	6.4	10.5	27.5
SCORPAENIDAE(FAMILY)	2.	4.3	7.0	18.4
TOTAL	47.	100.0	164.3	431.5

TABLE:	168	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	300 M3
POSITION:	49 52.0 N 124 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1142 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	8.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	0.5	13.3	34.7
MERLUCCIUS PRODUCTUS	700.	93.3	2333.3	6069.0
THERAGRA CHALCOGRAMMA	46.	6.1	153.3	398.8
TOTAL	750.	100.0	2500.0	6502.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	8.	16.0	26.7	69.4
LEUROGLOSSUS STILBIUS	7.	14.0	23.3	60.7
MERLUCCIUS PRODUCTUS	25.	50.0	83.3	216.8
THERAGRA CHALCOGRAMMA	10.	20.0	33.3	86.7
TOTAL	50.	100.0	166.7	433.5

TABLE: 169	WIND DIRECTION:	TOW SPEED: 1 MPS
CRUISE: SG 80- 7	WIND VELOCITY:	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 12	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 2/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: DECIBAR	SURFACE TEMP:	VOL. FILTERED: 293 M3
POSITION: 49 49.0 N 124 52.2 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 300 M	TIME OF TOW: 1240 HR	ALIQUOT:
	DEPTH OF TOW: 270 M	S.H.F.: 9.21

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	3.4	9.2
LEUROGLOSSUS STILBIUS	2.	1.4	6.8	18.4
MERLUCCIUS PRODUCTUS	118.	83.1	402.7	1086.8
THERAGRA CHALCOGRAMMA	21.	14.8	71.7	193.4
TOTAL	142.	100.0	484.6	1307.8

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.8	6.8	18.4
CLUPEA HARENGUS	65.	57.0	221.8	598.7
LEUROGLOSSUS STILBIUS	4.	3.5	13.7	36.8
MERLUCCIUS PRODUCTUS	28.	24.6	95.6	257.9
THERAGRA CHALCOGRAMMA	3.	2.6	10.2	27.6
AMMODYTES HEXAPTERUS	4.	3.5	13.7	36.8
SCORPAENIDAE(FAMILY)	7.	6.1	23.9	64.5
COTTIDAE(FAMILY)	1.	0.9	3.4	9.2
TOTAL	114.	100.0	389.1	1049.9

TABLE:	170	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	341 M3
POSITION:	49 46.1 N 124 46.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1331 HR	ALIQUOT:	
		DEPTH OF TOW:	303 M	S.H.F.:	8.88

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	0.4	14.7	44.4
MERLUCCIUS PRODUCTUS	993.	81.5	2912.0	8817.8
THERAGRA CHALCOGRAMMA	221.	18.1	648.1	1962.5
TOTAL	1219.	100.0	3574.8	10824.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	20.8	14.7	44.4
LEUROGLOSSUS STILBIUS	8.	33.3	23.5	71.0
MERLUCCIUS PRODUCTUS	9.	37.5	26.4	79.9
THERAGRA CHALCOGRAMMA	2.	8.3	5.9	17.8
TOTAL	24.	100.0	70.4	213.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
NECTOLIPARIS PELAGICUS	1.	100.0	2.9	8.9
TOTAL	1.	100.0	2.9	8.9

TABLE:	171
CRUISE:	SG 80- 7
SAMPLE NO.:	14
DATE:	2/ 4/80
VESSEL:	DECIBAR
POSITION:	49 43.1 N 124 40.8 W
GRID POSITION:	
BOTTOM DEPTH:	325 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	9.6 C
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1427 HR
DEPTH OF TOW:	291 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	355 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	8.21

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	2.8	8.2
LEUROGLOSSUS STILBIUS	3.	0.6	8.5	24.6
MERLUCCIUS PRODUCTUS	139.	29.3	391.5	1141.2
THERAGRA CHALCOGRAMMA	331.	69.8	932.4	2717.5
TOTAL	474.	100.0	1335.2	3891.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	11.	25.6	31.0	90.3
LEUROGLOSSUS STILBIUS	8.	18.6	22.5	65.7
MERLUCCIUS PRODUCTUS	10.	23.3	28.2	82.1
THERAGRA CHALCOGRAMMA	12.	27.9	33.8	98.5
SCORPAENIDAE(FAMILY)	2.	4.7	5.6	16.4
TOTAL	43.	100.0	121.1	353.0

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
NECTOLIPARIS PELAGICUS	1.	100.0	2.8	8.2
TOTAL	1.	100.0	2.8	8.2

TABLE: 172
CRUISE: SG 80- 7
SAMPLE NO.: 15
DATE: 2/ 4/80
VESSEL: DECIBAR
POSITION: 49 40.1 N 124 35.2 W
GRID POSITION:
BOTTOM DEPTH: 350 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1524 HR
DEPTH OF TOW: 275 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 401 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 6.85

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.3	2.5	6.8
MERLUCCIUS PRODUCTUS	12.	3.6	29.9	82.2
THERAGRA CHALCOGRAMMA	136.	40.7	339.2	931.6
	185.	55.4	461.3	1267.3
TOTAL	334.	100.0	832.9	2287.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	4.8	7.5	20.5
LEUROGLOSSUS STILBIUS	16.	25.8	39.9	109.6
MERLUCCIUS PRODUCTUS	16.	25.8	39.9	109.6
THERAGRA CHALCOGRAMMA	27.	43.5	67.3	184.9
TOTAL	62.	100.0	154.6	424.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	2.5	6.8
TOTAL	1.	100.0	2.5	6.8

TABLE:	173	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	339 M3
POSITION:	49 37.1 N 124 29.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	275 M	TIME OF TOW:	1612 HR	ALIQUOT:	
		DEPTH OF TOW:	238 M	S.H.F.:	7.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	2.4	5.9	14.0
MERLUCCIUS PRODUCTUS	16.	19.0	47.2	112.3
THERAGRA CHALCOGRAMMA	66.	78.6	194.7	463.3
TOTAL	84.	100.0	247.8	589.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	15.	21.4	44.2	105.3
LEUROGLOSSUS STILBIUS	17.	24.3	50.1	119.3
MERLUCCIUS PRODUCTUS	9.	12.9	26.5	63.2
THERAGRA CHALCOGRAMMA	25.	35.7	73.7	175.5
SCORPAENIDAE(FAMILY)	4.	5.7	11.8	28.1
TOTAL	70.	100.0	206.5	491.4

TABLE:	174	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	361 M3
POSITION:	49 34.3 N 124 23.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1708 HR	ALIQUOT:	
		DEPTH OF TOW:	222 M	S.H.F.:	6.15

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.8	8.3	18.5
LEUROGLOSSUS STILBIUS	2.	0.5	5.5	12.3
MERLUCCIUS PRODUCTUS	333.	88.6	922.4	2048.0
THERAGRA CHALCOGRAMMA	38.	10.1	105.3	233.7
TOTAL	376.	100.0	1041.6	2312.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	10.	23.8	27.7	61.5
LEUROGLOSSUS STILBIUS	8.	19.0	22.2	49.2
MERLUCCIUS PRODUCTUS	13.	31.0	36.0	80.0
THERAGRA CHALCOGRAMMA	9.	21.4	24.9	55.4
SCORPAENIDAE(FAMILY)	2.	4.8	5.5	12.3
TOTAL	42.	100.0	116.3	258.3

TABLE:	175	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	2/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	233 M3
POSITION:	49 30.8 N 124 27.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1801 HR	ALIQUOT:	
		DEPTH OF TOW:	178 M	S.H.F.:	7.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	3.4	12.9	22.9
LEUROGLOSSUS STILBIUS	4.	4.6	17.2	30.5
MERLUCCIUS PRODUCTUS	8.	9.2	34.3	61.0
THERAGRA CHALCOGRAMMA	72.	82.8	309.0	549.4
TOTAL	87.	100.0	373.4	663.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	14.	32.6	60.1	106.8
LEUROGLOSSUS STILBIUS	7.	16.3	30.0	53.4
MERLUCCIUS PRODUCTUS	4.	9.3	17.2	30.5
THERAGRA CHALCOGRAMMA	18.	41.9	77.3	137.3
TOTAL	43.	100.0	184.5	328.1

TABLE:	176	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	319 M3
POSITION:	49 27.8 N 124 29.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	0648 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	8.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	9.	8.9	28.2	73.3
LEUROGLOSSUS STILBIUS	12.	11.9	37.6	97.7
MERLUCCIUS PRODUCTUS	35.	34.7	109.7	284.9
THERAGRA CHALCOGRAMMA	45.	44.6	141.1	366.3
TOTAL	101.	100.0	316.6	822.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	72.	56.3	225.7	586.1
LEUROGLOSSUS STILBIUS	28.	21.9	87.8	227.9
MERLUCCIUS PRODUCTUS	21.	16.4	65.8	170.9
THERAGRA CHALCOGRAMMA	3.	2.3	9.4	24.4
SCORPAENIDAE(FAMILY)	4.	3.1	12.5	32.6
TOTAL	128.	100.0	401.3	1041.9

TABLE:	177	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	358 M3
POSITION:	49 25.8 N 124 23.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:		BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	0804 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	8.36

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	5.1	11.2	33.4
LEUROGLOSSUS STILBIUS	6.	7.7	16.8	50.2
MERLUCCIUS PRODUCTUS	34.	43.6	95.0	284.2
THERAGRA CHALCOGRAMMA	34.	43.6	95.0	284.2
TOTAL	78.	100.0	217.9	652.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	5.4	8.4	25.1
LEUROGLOSSUS STILBIUS	20.	35.7	55.9	167.2
MERLUCCIUS PRODUCTUS	16.	28.6	44.7	133.8
THERAGRA CHALCOGRAMMA	16.	28.6	44.7	133.8
SCORPAENIDAE(FAMILY)	1.	1.8	2.8	8.4
TOTAL	56.	100.0	156.4	468.2

TABLE:	178	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	341 M3
POSITION:	49 24.3 N 124 18.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	90 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	0853 HR	ALIQUOT:	
		DEPTH OF TOW:	316 M	S.H.F.:	9.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.3	5.9	18.6
LEUROGLOSSUS STILBIUS	14.	8.8	41.1	129.9
MERLUCCIUS PRODUCTUS	51.	32.1	149.6	473.3
THERAGRA CHALCOGRAMMA	92.	57.9	269.8	853.8
TOTAL	159.	100.0	466.3	1475.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	3.1	8.8	27.8
LEUROGLOSSUS STILBIUS	32.	33.3	93.8	297.0
MERLUCCIUS PRODUCTUS	39.	40.6	114.4	361.9
THERAGRA CHALCOGRAMMA	19.	19.8	55.7	176.3
SCORPAENIDAE(FAMILY)	3.	3.1	8.8	27.8
TOTAL	96.	100.0	281.5	890.9

TABLE:	179	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:	8.7 C	VOL. FILTERED:	363 M3
POSITION:	49 22.4 N 124 11.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	0944 HR	ALIQUOT:	
		DEPTH OF TOW:	335 M	S.H.F.:	9.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.3	2.8	9.2
MERLUCCIUS PRODUCTUS	35.	8.8	96.4	323.0
THERAGRA CHALCOGRAMMA	221.	55.4	608.8	2039.8
	142.	35.6	391.2	1310.7
TOTAL	399.	100.0	1099.2	3682.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.0	5.5	18.5
LEUROGLOSSUS STILBIUS	30.	15.4	82.6	276.9
MERLUCCIUS PRODUCTUS	120.	61.5	330.6	1107.6
THERAGRA CHALCOGRAMMA	40.	20.5	110.2	369.2
SCORPAENIDAE(FAMILY)	3.	1.5	8.3	27.7
TOTAL	195.	100.0	537.2	1799.8

TABLE:	180	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	278 M3
POSITION:	49 15.8 N 123 57.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	0843 HR	ALIQUOT:	
		DEPTH OF TOW:	310 M	S.H.F.:	11.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	21.	1.5	75.5	233.9
MERLUCCIUS PRODUCTUS	1240.	85.9	4460.4	13813.6
THERAGRA CHALCOGRAMMA	180.	12.5	647.5	2005.2
PLEURONECTIDAE(FAMILY)	2.	0.1	7.2	22.3
TOTAL	1443.	100.0	5190.6	16075.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	7.2	22.3
CLUPEA HARENGUS	53.	19.5	190.6	590.4
LEUROGLOSSUS STILBIUS	35.	12.9	125.9	389.9
MERLUCCIUS PRODUCTUS	161.	59.2	579.1	1793.5
THERAGRA CHALCOGRAMMA	16.	5.9	57.6	178.2
SCORPAENIDAE(FAMILY)	2.	0.7	7.2	22.3
COTTIDAE(FAMILY)	3.	1.1	10.8	33.4
TOTAL	272.	100.0	978.4	3030.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	3.6	11.1
NECTOLIPARIS PELAGICUS	1.	50.0	3.6	11.1
TOTAL	2.	100.0	7.2	22.3

TABLE:	181	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	86 M3
POSITION:	49 16.1 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	205 M	TIME OF TOW:	0925 HR	ALIQUOT:	
		DEPTH OF TOW:	182 M	S.H.F.:	21.32

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	4.3	46.5	85.3
MERLUCCIUS PRODUCTUS	39.	42.4	453.5	831.5
THERAGRA CHALCOGRAMMA	49.	53.3	569.8	1044.7
TOTAL	92.	100.0	1069.8	1961.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	11.6	21.3
CLUPEA HARENGUS	3313.	98.7	38523.3	70633.2
LEUROGLOSSUS STILBIUS	13.	0.4	151.2	277.2
MERLUCCIUS PRODUCTUS	16.	0.5	186.0	341.1
THERAGRA CHALCOGRAMMA	5.	0.1	58.1	106.6
SCORPAENIDAE(FAMILY)	8.	0.2	93.0	170.6
TOTAL	3356.	100.0	39023.3	71549.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	23.3	42.6
TOTAL	2.	100.0	23.3	42.6

TABLE:	182	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	8 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	296 M3
POSITION:	49 18.2 N 124 4.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	1003 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	9.36

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.7	13.5	37.4
LEUROGLOSSUS STILBIUS	8.	1.4	27.0	74.9
MERLUCCIUS PRODUCTUS	402.	70.3	1358.1	3762.7
THERAGRA CHALCOGRAMMA	157.	27.4	530.4	1469.5
PLEURONECTIDAE(FAMILY)	1.	0.2	3.4	9.4
TOTAL	572.	100.0	1932.4	5353.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	5.9	10.1	28.1
LEUROGLOSSUS STILBIUS	12.	23.5	40.5	112.3
MERLUCCIUS PRODUCTUS	26.	51.0	87.8	243.4
THERAGRA CHALCOGRAMMA	6.	11.8	20.3	56.2
SCORPAENIDAE(FAMILY)	4.	7.8	13.5	37.4
TOTAL	51.	100.0	172.3	477.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
NECTOLIPARIS PELAGICUS	1.	100.0	3.4	9.4
TOTAL	1.	100.0	3.4	9.4

TABLE:	183	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	183 M3
POSITION:	49 20.3 N 124 1.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	377 M	S.H.F.:	20.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	10.9	41.2
LEUROGLOSSUS STILBIUS	8.	1.4	43.7	165.0
MERLUCCIUS PRODUCTUS	461.	81.6	2519.1	9505.8
THERAGRA CHALCOGRAMMA	94.	16.6	513.7	1938.3
TOTAL	565.	100.0	3087.4	11650.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	41.	24.1	224.0	845.4
MERLUCCIUS PRODUCTUS	119.	70.0	650.3	2453.8
THERAGRA CHALCOGRAMMA	9.	5.3	49.2	185.6
SCORPAENIDAE(FAMILY)	1.	0.6	5.5	20.6
TOTAL	170.	100.0	929.0	3505.4

TABLE:	184	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	322 M3
POSITION:	49 22.8 N 124 10.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1202 HR	ALIQUOT:	
		DEPTH OF TOW:	326 M	S.H.F.:	10.12

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.9	12.4	40.5
LEUROGLOSSUS STILBIUS	15.	3.3	46.6	151.8
MERLUCCIUS PRODUCTUS	318.	70.4	987.6	3218.2
THERAGRA CHALCOGRAMMA	115.	25.4	357.1	1163.8
TOTAL	452.	100.0	1403.7	4574.2

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	3.1	10.1
CLUPEA HARENGUS	3.	1.7	9.3	30.4
LEUROGLOSSUS STILBIUS	43.	24.6	133.5	435.2
MERLUCCIUS PRODUCTUS	91.	52.0	282.6	920.9
THERAGRA CHALCOGRAMMA	32.	18.3	99.4	323.8
SCORPAENIDAE(FAMILY)	5.	2.9	15.5	50.6
TOTAL	175.	100.0	543.5	1771.0

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	6.2	20.2
TOTAL	2.	100.0	6.2	20.2

TABLE:	185	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	331 M3
POSITION:	49 20.3 N 124 7.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1256 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	10.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	1.0	21.1	75.2
LEUROGLOSSUS STILBIUS	16.	2.4	48.3	171.8
MERLUCCIUS PRODUCTUS	555.	83.0	1676.7	5960.7
THERAGRA CHALCOGRAMMA	91.	13.6	274.9	977.3
TOTAL	669.	100.0	2021.1	7185.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.6	3.0	10.7
LEUROGLOSSUS STILBIUS	37.	22.4	111.8	397.4
MERLUCCIUS PRODUCTUS	120.	72.7	362.5	1288.8
THERAGRA CHALCOGRAMMA	7.	4.2	21.1	75.2
TOTAL	165.	100.0	498.5	1772.1

TABLE:	186	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 22.8 N 124 4.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	1342 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	9.20

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	1.1	20.5	46.0
MERLUCCIUS PRODUCTUS	331.	73.4	1356.6	3045.2
THERAGRA CHALCOGRAMMA	114.	25.3	467.2	1048.8
PLEURONECTIDAE(FAMILY)	1.	0.2	4.1	9.2
TOTAL	451.	100.0	1848.4	4149.2

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	30.	39.0	123.0	276.0
MERLUCCIUS PRODUCTUS	37.	48.1	151.6	340.4
THERAGRA CHALCOGRAMMA	9.	11.7	36.9	82.8
SCORPAENIDAE(FAMILY)	1.	1.3	4.1	9.2
TOTAL	77.	100.0	315.6	708.4

TABLE:	187
CRUISE:	SG 80- 8
SAMPLE NO.:	8
DATE:	9/ 4/80
VESSEL:	CALIGUS
POSITION:	49 25.6 N 124 5.6 W
GRID POSITION:	84 . 31
BOTTOM DEPTH:	293 M

WIND DIRECTION:	225 DEG
WIND VELOCITY:	5 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	1 M
SURFACE TEMP:	8.4 C
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1420 HR
DEPTH OF TOW:	278 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	278 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.02

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.6	10.0
LEUROGLOSSUS STILBIUS	5.	0.6	18.0	50.1
MERLUCCIUS PRODUCTUS	714.	84.8	2568.3	7154.3
THERAGRA CHALCOGRAMMA	120.	14.3	431.7	1202.4
PLEURONECTIDAE(FAMILY)	2.	0.2	7.2	20.0
TOTAL	842.	100.0	3028.8	8436.8

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	31.	19.0	111.5	310.6
MERLUCCIUS PRODUCTUS	121.	74.2	435.3	1212.4
THERAGRA CHALCOGRAMMA	7.	4.3	25.2	70.1
SCORPAENIDAE(FAMILY)	4.	2.5	14.4	40.1
TOTAL	163.	100.0	586.3	1633.3

TABLE:	188	WIND DIRECTION:	225 DEG
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS
SAMPLE NO.:	9	WAVE HEIGHT:	
DATE:	9/ 4/80	SWELL HEIGHT:	1 M
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	49 24.7 N 124 1.0 W	STD NUMBER:	
GRID POSITION:	81 . 30	BT/XBT NUMBER:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1505 HR
		DEPTH OF TOW:	377 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	394 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	7.6	28.8
LEUROGLOSSUS STILBIUS	10.	0.9	25.4	95.9
MERLUCCIUS PRODUCTUS	919.	85.8	2332.5	8813.2
THERAGRA CHALCOGRAMMA	139.	13.0	352.8	1333.0
TOTAL	1071.	100.0	2718.3	10270.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.4	2.5	9.6
LEUROGLOSSUS STILBIUS	29.	12.4	73.6	278.1
MERLUCCIUS PRODUCTUS	198.	84.6	502.5	1898.8
THERAGRA CHALCOGRAMMA	4.	1.7	10.2	38.4
SCORPAENIDAE(FAMILY)	2.	0.9	5.1	19.2
TOTAL	234.	100.0	593.9	2244.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	50.0	2.5	9.6
NECTOLIPARIS PELAGICUS	1.	50.0	2.5	9.6
TOTAL	2.	100.0	5.1	19.2

TABLE:	189	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	278 M3
POSITION:	49 27.2 N 124 3.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	1557 HR	ALIQUOT:	
		DEPTH OF TOW:	274 M	S.H.F.:	9.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	1.6	39.6	108.2
MERLUCCIUS PRODUCTUS	658.	93.2	2366.9	6474.7
THERAGRA CHALCOGRAMMA	36.	5.1	129.5	354.2
PLEURONECTIDAE(FAMILY)	1.	0.1	3.6	9.8
TOTAL	706.	100.0	2539.6	6947.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.3	3.6	9.8
LEUROGLOSSUS STILBIUS	56.	16.2	201.4	551.0
MERLUCCIUS PRODUCTUS	280.	80.9	1007.2	2755.2
THERAGRA CHALCOGRAMMA	8.	2.3	28.8	78.7
SCORPAENIDAE(FAMILY)	1.	0.3	3.6	9.8
TOTAL	346.	100.0	1244.6	3404.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.6	9.8
TOTAL	1.	100.0	3.6	9.8

TABLE:	190	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	194 M3
POSITION:	49 27.2 N 123 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1643 HR	ALIQUOT:	
		DEPTH OF TOW:	190 M	S.H.F.:	9.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.4	15.5	29.4
MERLUCCIUS PRODUCTUS	614.	86.2	3164.9	6011.1
THERAGRA CHALCOGRAMMA	92.	12.9	474.2	900.7
PLEURONECTIDAE(FAMILY)	3.	0.4	15.5	29.4
TOTAL	712.	100.0	3670.1	6970.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.0	10.3	19.6
CLUPEA HARENGUS	1.	1.0	5.2	9.8
LEUROGLOSSUS STILBIUS	10.	9.8	51.5	97.9
MERLUCCIUS PRODUCTUS	51.	50.0	262.9	499.3
THERAGRA CHALCOGRAMMA	31.	30.4	159.8	303.5
SCORPAENIDAE(FAMILY)	6.	5.9	30.9	58.7
COTTIDAE(FAMILY)	1.	1.0	5.2	9.8
TOTAL	102.	100.0	525.8	998.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PTILICHTHYS GOODEI	1.	100.0	5.2	9.8
TOTAL	1.	100.0	5.2	9.8

TABLE:	191	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	213 M3
POSITION:	49 27.2 N 123 52.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0655 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	8.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	2.6	37.6	69.4
MERLUCCIUS PRODUCTUS	249.	81.6	1169.0	2161.3
THERAGRA CHALCOGRAMMA	45.	14.8	211.3	390.6
PLEURONECTIDAE(FAMILY)	3.	1.0	14.1	26.0
TOTAL	305.	100.0	1431.9	2647.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.5	4.7	8.7
CLUPEA HARENGUS	8.	3.6	37.6	69.4
LEUROGLOSSUS STILBIUS	13.	5.9	61.0	112.8
MERLUCCIUS PRODUCTUS	66.	30.0	309.9	572.9
THERAGRA CHALCOGRAMMA	112.	50.9	525.8	972.2
STICHAEIDAE(FAMILY)	1.	0.5	4.7	8.7
AMMODYTES HEXAPTERUS	1.	0.5	4.7	8.7
SCORPAENIDAE(FAMILY)	18.	8.2	84.5	156.2
TOTAL	220.	100.0	1032.9	1909.6

TABLE:	192	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	310 M3
POSITION:	49 24.4 N 123 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	0740 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	9.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.2	9.6
LEUROGLOSSUS STILBIUS	20.	2.6	64.5	191.2
MERLUCCIUS PRODUCTUS	607.	78.8	1958.1	5802.9
THERAGRA CHALCOGRAMMA	140.	18.2	451.6	1338.4
PLEURONECTIDAE(FAMILY)	2.	0.3	6.5	19.1
TOTAL	770.	100.0	2483.9	7361.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	41.	10.5	132.3	392.0
MERLUCCIUS PRODUCTUS	322.	82.8	1038.7	3078.3
THERAGRA CHALCOGRAMMA	24.	6.2	77.4	229.4
SCORPAENIDAE(FAMILY)	2.	0.5	6.5	19.1
TOTAL	389.	100.0	1254.8	3718.8

TABLE:	193	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	49 24.4 N 123 52.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	0833 HR	ALIQUOT:	
		DEPTH OF TOW:	169 M	S.H.F.:	8.90

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.2	5.3	8.9
MERLUCCIUS PRODUCTUS	6.	1.0	31.6	53.4
THERAGRA CHALCOGRAMMA	384.	66.8	2021.1	3417.6
PLEURONECTIDAE(FAMILY)	182.	31.7	957.9	1619.8
	2.	0.3	10.5	17.8
TOTAL	575.	100.0	3026.3	5117.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	16.8	94.7	160.2
MERLUCCIUS PRODUCTUS	60.	56.1	315.8	534.0
THERAGRA CHALCOGRAMMA	26.	24.3	136.8	231.4
SCORPAENIDAE(FAMILY)	3.	2.8	15.8	26.7
TOTAL	107.	100.0	563.2	952.3

TABLE:	194	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	243 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	245 M	TIME OF TOW:	0907 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	9.26

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	4.	0.3	16.5	37.0
MERLUCCIUS PRODUCTUS	41.	3.4	168.7	379.7
THERAGRA CHALCOGRAMMA	917.	76.2	3773.7	8491.4
PLEURONECTIDAE(FAMILY)	239.	19.9	983.5	2213.1
	2.	0.2	8.2	18.5
TOTAL	1203.	100.0	4950.6	11139.8

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	26.	14.9	107.0	240.8
MERLUCCIUS PRODUCTUS	137.	78.3	563.8	1268.6
THERAGRA CHALCOGRAMMA	10.	5.7	41.2	92.6
SCORPAENIDAE(FAMILY)	2.	1.1	8.2	18.5
TOTAL	175.	100.0	720.2	1620.5

TABLE:	195	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	399 M3
POSITION:	49 21.9 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	430 M	TIME OF TOW:	0950 HR	ALIQUOT:	
		DEPTH OF TOW:	402 M	S.H.F.:	10.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/1C M2)
PISCES	4.	0.4	10.0	40.4
LEUROGLOSSUS STILBIUS	37.	4.1	92 7	373.3
MERLUCCIUS PRODUCTUS	688.	76.1	1724.3	6941.9
THERAGRA CHALCOGRAMMA	174.	19.2	436.1	1755.7
PLEURONECTIDAE(FAMILY)	1.	0.1	2.5	10.1
TOTAL	904.	100.0	2265.7	9121.4

LARVAE	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.3	2.5	10.1
LEUROGLOSSUS STILBIUS	69.	17.7	172.9	696.2
MERLUCCIUS PRODUCTUS	284.	72.8	711.8	2865.6
THERAGRA CHALCOGRAMMA	27.	6.9	67.7	272.4
SCORPAENIDAE(FAMILY)	2.	0.5	5.0	20.2
COTTIDAE(FAMILY)	7.	1.8	17.5	70.6
TOTAL	390.	100.0	977.4	3935.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	5.0	20.2
TOTAL	2.	100.0	5.0	20.2

TABLE:	196	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.4 C	VOL. FILTERED:	271 M3
POSITION:	49 21.4 N 123 58.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	275 M	TIME OF TOW:	1038 HR	ALIQUOT:	
		DEPTH OF TOW:	251 M	S.H.F.:	9.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	2.5	62.7	157.6
MERLUCCIUS PRODUCTUS	460.	67.4	1697.4	4264.2
THERAGRA CHALCOGRAMMA	205.	30.1	756.5	1900.4
TOTAL	682.	100.0	2516.6	6322.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	30.	15.0	110.7	278.1
MERLUCCIUS PRODUCTUS	153.	76.5	564.6	1418.3
THERAGRA CHALCOGRAMMA	16.	8.0	59.0	148.3
SCORPAENIDAE(FAMILY)	1.	0.5	3.7	9.3
TOTAL	200.	100.0	738.0	1854.0

TABLE:	197	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	264 M3
POSITION:	49 18.6 N 123 58.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1126 HR	ALIQUOT:	
		DEPTH OF TOW:	259 M	S.H.F.:	9.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.2	18.9	48.9
LEUROGLOSSUS STILBIUS	17.	4.1	64.4	166.3
MERLUCCIUS PRODUCTUS	268.	64.7	1015.2	2621.0
THERAGRA CHALCOGRAMMA	124.	30.0	469.7	1212.7
TOTAL	414.	100.0	1568.2	4048.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	34.	10.7	128.8	332.5
MERLUCCIUS PRODUCTUS	263.	83.0	996.2	2572.1
THERAGRA CHALCOGRAMMA	17.	5.4	64.4	166.3
SCORPAENIDAE(FAMILY)	3.	0.9	11.4	29.3
TOTAL	317.	100.0	1200.8	3100.3

TABLE:	198	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	360 M3
POSITION:	49 18.3 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	412 M	TIME OF TOW:	1201 HR	ALIQUOT:	
		DEPTH OF TOW:	390 M	S.H.F.:	10.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	5.6	21.7
LEUROGLOSSUS STILBIUS	48.	6.8	133.3	519.8
MERLUCCIUS PRODUCTUS	459.	64.9	1275.0	4971.0
THERAGRA CHALCOGRAMMA	198.	28.0	550.0	2144.3
TOTAL	707.	100.0	1963.9	7656.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	2.8	10.8
CLUPEA HARENGUS	3.	1.3	8.3	32.5
LEUROGLOSSUS STILBIUS	38.	16.4	105.6	411.5
MERLUCCIUS PRODUCTUS	172.	74.1	477.8	1862.8
THERAGRA CHALCOGRAMMA	16.	6.9	44.4	173.3
SCORPAENIDAE(FAMILY)	2.	0.9	5.6	21.7
TOTAL	232.	100.0	644.4	2512.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	5.6	21.7
ZOARCIDAE(FAMILY)	1.	33.3	2.8	10.8
TOTAL	3.	100.0	8.3	32.5

TABLE:	199	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	352 M3
POSITION:	49 19.7 N 123 49.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	1257 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	9.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.8	9.9
LEUROGLOSSUS STILBIUS	51.	7.3	144.9	504.4
MERLUCCIUS PRODUCTUS	464.	66.3	1318.2	4589.0
THERAGRA CHALCOGRAMMA	184.	26.3	522.7	1819.8
TOTAL	700.	100.0	1988.6	6923.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	84.	24.9	238.6	830.8
MERLUCCIUS PRODUCTUS	220.	65.1	625.0	2175.8
MICROGADUS PROXIMUS	1.	0.3	2.8	9.9
THERAGRA CHALCOGRAMMA	28.	8.3	79.5	276.9
SCORPAENIDAE(FAMILY)	5.	1.5	14.2	49.5
TOTAL	338.	100.0	960.2	3342.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.8	9.9
TOTAL	1.	100.0	2.8	9.9

TABLE:	200	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	10/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	361 M3
POSITION:	49 16.6 N 123 50.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	1348 HR	ALIQUOT:	
		DEPTH OF TOW:	364 M	S.H.F.:	10.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.8	10.1
LEUROGLOSSUS STILBIUS	33.	4.8	91.4	332.3
MERLUCCIUS PRODUCTUS	431.	62.2	1193.9	4340.2
THERAGRA CHALCOGRAMMA	228.	32.9	631.6	2296.0
TOTAL	693.	100.0	1919.7	6978.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	49.	12.4	135.7	493.4
LEUROGLOSSUS STILBIUS	58.	14.7	160.7	584.1
MERLUCCIUS PRODUCTUS	248.	62.9	687.0	2497.4
THERAGRA CHALCOGRAMMA	34.	8.6	94.2	342.4
SCORPAENIDAE(FAMILY)	5.	1.3	13.9	50.3
TOTAL	394.	100.0	1091.4	3967.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	50.0	2.8	10.1
ZOARCIDAE(FAMILY)	1.	50.0	2.8	10.1
TOTAL	2.	100.0	5.5	20.1

TABLE:	201	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.2 C	VOL. FILTERED:	207 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	0758 HR	ALIQUOT:	
		DEPTH OF TOW:	170 M	S.H.F.:	8.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	14.5	24.7
LEUROGLOSSUS STILBIUS	12.	1.3	58.0	98.6
MERLUCCIUS PRODUCTUS	760.	84.0	3671.5	6247.2
THERAGRA CHALCOGRAMMA	130.	14.4	628.0	1068.6
TOTAL	905.	100.0	4372.0	7439.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.8	9.7	16.4
LEUROGLOSSUS STILBIUS	49.	43.4	236.7	402.8
MERLUCCIUS PRODUCTUS	49.	43.4	236.7	402.8
THERAGRA CHALCOGRAMMA	10.	8.8	48.3	82.2
SCORPAENIDAE(FAMILY)	3.	2.7	14.5	24.7
TOTAL	113.	100.0	545.9	928.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	9.7	16.4
TOTAL	2.	100.0	9.7	16.4

TABLE:	202	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	- BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	49 13.3 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	160 M	TIME OF TOW:	0838 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	8.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	21.6	59.5	92.1
LEUROGLOSSUS STILBIUS	2.	3.9	10.8	16.7
MERLUCCIUS PRODUCTUS	20.	39.2	108.1	167.4
THERAGRA CHALCOGRAMMA	18.	35.3	97.3	150.7
TOTAL	51.	100.0	275.7	426.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	746.	93.5	4032.4	6244.0
LEUROGLOSSUS STILBIUS	18.	2.3	97.3	150.7
MERLUCCIUS PRODUCTUS	12.	1.5	64.9	100.4
THERAGRA CHALCOGRAMMA	10.	1.3	54.1	83.7
SCORPAENIDAE(FAMILY)	12.	1.5	64.9	100.4
TOTAL	798.	100.0	4313.5	6679.3

TABLE:	203	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	363 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	0912 HR	ALIQUOT:	
		DEPTH OF TOW:	350 M	S.H.F.:	9.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.6	16.5	57.8
LEUROGLOSSUS STILBIUS	24.	2.4	66.1	231.1
MERLUCCIUS PRODUCTUS	857.	85.3	2360.9	8252.9
THERAGRA CHALCOGRAMMA	118.	11.7	325.1	1136.3
TOTAL	1005.	100.0	2768.6	9678.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	318.	48.4	876.0	3062.3
LEUROGLOSSUS STILBIUS	93.	14.2	256.2	895.6
MERLUCCIUS PRODUCTUS	212.	32.3	584.0	2041.6
THERAGRA CHALCOGRAMMA	16.	2.4	44.1	154.1
SCORPAENIDAE(FAMILY)	18.	2.7	49.6	173.3
TOTAL	657.	100.0	1809.9	6326.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.8	9.6
TOTAL	1.	100.0	2.8	9.6

TABLE: 204	WIND DIRECTION:	TOW SPEED: 1 MPS
CRUISE: SG 80- 8	WIND VELOCITY:	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 25	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 11/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 369 M3
POSITION: 49 16.3 N 123 47.5 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 69 . 32	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 403 M	TIME OF TOW: 1003 HR	ALIQUOT:
	DEPTH OF TOW: 364 M	S.H.F.: 9.85

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.6	16.3	59.1
LEUROGLOSSUS STILBIUS	37.	3.6	100.3	364.5
MERLUCCIUS PRODUCTUS	798.	76.7	2162.8	7860.3
THERAGRA CHALCOGRAMMA	200.	19.2	542.0	1970.0
TOTAL	1041.	100.0	2821.1	10253.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	519.	63.1	1406.5	5112.2
LEUROGLOSSUS STILBIUS	45.	5.5	122.0	443.3
MERLUCCIUS PRODUCTUS	205.	24.9	555.6	2019.3
THERAGRA CHALCOGRAMMA	47.	5.7	127.4	463.0
SCORPAENIDAE(FAMILY)	6.	0.7	16.3	59.1
TOTAL	822.	100.0	2227.6	8096.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.7	9.9
ZOARCIDAE(FAMILY)	1.	50.0	2.7	9.9
TOTAL	2.	100.0	5.4	19.7

TABLE:	205	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	320 M3
POSITION:	49 18.8 N 123 45.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1050 HR	ALIQUOT:	
		DEPTH OF TOW:	294 M	S.H.F.:	9.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.4	25.0	73.4
LEUROGLOSSUS STILBIUS	50.	2.5	156.3	458.5
MERLUCCIUS PRODUCTUS	1574.	80.1	4918.8	14433.6
THERAGRA CHALCOGRAMMA	334.	17.0	1043.8	3062.8
TOTAL	1966.	100.0	6143.8	18028.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	36.	12.4	112.5	330.1
MERLUCCIUS PRODUCTUS	143.	49.1	446.9	1311.3
THERAGRA CHALCOGRAMMA	108.	37.1	337.5	990.4
SCORPAENIDAE(FAMILY)	4.	1.4	12.5	36.7
TOTAL	291.	100.0	909.4	2668.5

TABLE:	206	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.6 C	VOL. FILTERED:	295 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1141 HR	ALIQUOT:	
		DEPTH OF TOW:	284 M	S.H.F.:	9.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	104.	1.3	352.5	1001.5
MERLUCCIUS PRODUCTUS	6786.	85.2	23003.4	65349.2
THERAGRA CHALCOGRAMMA	1079.	13.5	3657.6	10390.8
TOTAL	7969.	100.0	27013.6	76741.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	3.8	44.1	125.2
MERLUCCIUS PRODUCTUS	202.	58.4	684.7	1945.3
THERAGRA CHALCOGRAMMA	124.	35.8	420.3	1194.1
SCORPAENIDAE(FAMILY)	7.	2.0	23.7	67.4
TOTAL	346.	100.0	1172.9	3332.0

TABLE:	207	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	321 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1225 HR	ALIQUOT:	
		DEPTH OF TOW:	296 M	S.H.F.:	9.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	0.5	102.8	304.6
MERLUCCIUS PRODUCTUS	4538.	67.7	14137.1	41885.7
THERAGRA CHALCOGRAMMA	2130.	31.8	6635.5	19659.9
TOTAL	6701.	100.0	20875.4	61850.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	19.	1.5	59.2	175.4
MERLUCCIUS PRODUCTUS	786.	61.3	2448.6	7254.8
THERAGRA CHALCOGRAMMA	464.	36.2	1445.5	4282.7
SCORPAENIDAE(FAMILY)	14.	1.1	43.6	129.2
TOTAL	1283.	100.0	3996.9	11842.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	3.1	9.2
TOTAL	1.	100.0	3.1	9.2

TABLE: 208
CRUISE: SG 80- 8
SAMPLE NO.: 29
DATE: 11/ 4/80
VESSEL: CALIGUS
POSITION: 49 19.4 N 123 40.7 W
GRID POSITION: 67 . 27
BOTTOM DEPTH: 195 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1333 HR
DEPTH OF TOW: 162 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 174 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.30

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	1.3	63.2	102.3
MERLUCCIUS PRODUCTUS	357.	43.2	2051.7	3320.1
THERAGRA CHALCOGRAMMA	456.	55.2	2620.7	4240.8
PLEURONECTIDAE(FAMILY)	2.	0.2	11.5	18.6
TOTAL	826.	100.0	4747.1	7681.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.9	11.5	18.6
LEUROGLOSSUS STILBIUS	24.	10.4	137.9	223.2
MERLUCCIUS PRODUCTUS	135.	58.4	775.9	1255.5
THERAGRA CHALCOGRAMMA	60.	26.0	344.8	558.0
AMMODYTES HEXAPTERUS	1.	0.4	5.7	9.3
SCORPAENIDAE(FAMILY)	8.	3.5	46.0	74.4
CYCLOPTERIDAE(FAMILY)	1.	0.4	5.7	9.3
TOTAL	231.	100.0	1327.6	2148.3

TABLE:	209
CRUISE:	SG 80- 8
SAMPLE NO.:	30
DATE:	11/ 4/80
VESSEL:	CALIGUS
POSITION:	49 21.3 N 123 42.4 W
GRID POSITION:	69 . 26
BOTTOM DEPTH:	192 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1401 HR
DEPTH OF TOW:	177 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	182 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.72

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	2.	0.4	11.0	19.4
MERLUCCIUS PRODUCTUS	14.	2.9	76.9	136.1
THERAGRA CHALCOGRAMMA	179.	37.1	983.5	1739.9
	287.	59.5	1576.9	2789.6
TOTAL	482.	100.0	2648.4	4685.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	1.	0.5	5.5	9.7
LEUROGLOSSUS STILBIUS	3.	1.5	16.5	29.2
MERLUCCIUS PRODUCTUS	15.	7.4	82.4	145.8
THERAGRA CHALCOGRAMMA	98.	48.0	538.5	952.6
SCORPAENIDAE(FAMILY)	85.	41.7	467.0	826.2
	2.	1.0	11.0	19.4
TOTAL	204.	100.0	1120.9	1982.9

TABLE:	210	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	133 M3
POSITION:	49 21.9 N 123 46.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1438 HR	ALIQUOT:	
		DEPTH OF TOW:	111 M	S.H.F.:	8.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	6.0	37.6	41.8
LEUROGLOSSUS STILBIUS	3.	3.6	22.6	25.1
MERLUCCIUS PRODUCTUS	20.	23.8	150.4	167.4
THERAGRA CHALCOGRAMMA	56.	66.7	421.1	468.7
TOTAL	84.	100.0	631.6	703.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.7	15.0	16.7
CLUPEA HARENGUS	7.	5.9	52.6	58.6
LEUROGLOSSUS STILBIUS	14.	11.8	105.3	117.2
MERLUCCIUS PRODUCTUS	52.	43.7	391.0	435.2
THERAGRA CHALCOGRAMMA	37.	31.1	278.2	309.7
SCORPAENIDAE(FAMILY)	7.	5.9	52.6	58.6
TOTAL	119.	100.0	894.7	996.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	15.0	16.7
TOTAL	2.	100.0	15.0	16.7

TABLE:	211	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY: 5 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 174 M3
POSITION:	49 25.2 N 123 45.8 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	73 . 24	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	175 M	TIME OF TOW: 1511 HR	ALIQUOT:
		DEPTH OF TOW: 155 M	S.H.F.: 8.90

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	3.1	23.0	35.6
LEUROGLOSSUS STILBIUS	2.	1.5	11.5	17.8
MERLUCCIUS PRODUCTUS	59.	45.4	339.1	525.1
THERAGRA CHALCOGRAMMA	65.	50.0	373.6	578.5
TOTAL	130.	100.0	747.1	1157.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	14.5	114.9	178.0
MERLUCCIUS PRODUCTUS	57.	41.3	327.6	507.3
THERAGRA CHALCOGRAMMA	60.	43.5	344.8	534.0
SCORPAENIDAE(FAMILY)	1.	0.7	5.7	8.9
TOTAL	138.	100.0	793.1	1228.2

TABLE:	212	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY: 2 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	11/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 192 M3
POSITION:	49 23.2 N 123 38.6 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	68 . 23	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	175 M	TIME OF TOW: 1557 HR	ALIQUOT:
		DEPTH OF TOW: 156 M	S.H.F.: 8.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	6.2	26.0	40.7
LEUROGLOSSUS STILBIUS	3.	3.7	15.6	24.4
MERLUCCIUS PRODUCTUS	34.	42.0	177.1	276.8
THERAGRA CHALCOGRAMMA	39.	48.1	203.1	317.5
TOTAL	81.	100.0	421.9	659.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.7	5.2	8.1
LEUROGLOSSUS STILBIUS	16.	11.4	83.3	130.2
MERLUCCIUS PRODUCTUS	48.	34.3	250.0	390.7
THERAGRA CHALCOGRAMMA	72.	51.4	375.0	586.1
SCORPAENIDAE(FAMILY)	3.	2.1	15.6	24.4
TOTAL	140.	100.0	729.2	1139.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	10.4	16.3
TOTAL	2.	100.0	10.4	16.3

TABLE:	213
CRUISE:	SG 80- 8
SAMPLE NO.:	34
DATE:	11/ 4/80
VESSEL:	CALIGUS
POSITION:	49 22.1 N 123 33.3 W
GRID POSITION:	64 . 22
BOTTOM DEPTH:	175 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	2 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1634 HR
DEPTH OF TOW:	154 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	173 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	8.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	4.9	17.3	26.8
LEUROGLOSSUS STILBIUS	4.	6.6	23.1	35.7
MERLUCCIUS PRODUCTUS	23.	37.7	132.9	205.4
THERAGRA CHALCOGRAMMA	31.	50.8	179.2	276.8
TOTAL	61.	100.0	352.6	544.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	2.6	5.8	8.9
LEUROGLOSSUS STILBIUS	2.	5.1	11.6	17.9
MERLUCCIUS PRODUCTUS	12.	30.8	69.4	107.2
THERAGRA CHALCOGRAMMA	24.	61.5	138.7	214.3
TOTAL	39.	100.0	225.4	348.3

TABLE:	214	WIND DIRECTION:	315 DEG
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS
SAMPLE NO.:	35	WAVE HEIGHT:	
DATE:	11/ 4/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	49 20.7 N 123 30.1 W	STD NUMBER:	
GRID POSITION:	62 . 22	BT/XBT NUMBER:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1705 HR
		DEPTH OF TOW:	178 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	168 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.60

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	23.8	42.4
LEUROGLOSSUS STILBIUS	17.	2.3	101.2	180.2
MERLUCCIUS PRODUCTUS	601.	80.1	3577.4	6370.6
THERAGRA CHALCOGRAMMA	128.	17.1	761.9	1356.8
TOTAL	750.	100.0	4464.3	7950.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	4.0	53.6	95.4
MERLUCCIUS PRODUCTUS	135.	59.7	803.6	1431.0
THERAGRA CHALCOGRAMMA	78.	34.5	464.3	826.8
SCORPAENIDAE(FAMILY)	4.	1.8	23.8	42.4
TOTAL	226.	100.0	1345.2	2395.6

TABLE:	215	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	209 M3
POSITION:	49 19.5 N 123 25.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 21	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	197 M	S.H.F.:	9.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	0.3	47.8	94.3
LEUROGLOSSUS STILBIUS	46.	1.3	220.1	433.8
MERLUCCIUS PRODUCTUS	3342.	91.2	15990.4	31515.1
THERAGRA CHALCOGRAMMA	267.	7.3	1277.5	2517.8
TOTAL	3665.	100.0	17535.9	34560.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	9.6	18.9
LEUROGLOSSUS STILBIUS	7.	1.6	33.5	66.0
MERLUCCIUS PRODUCTUS	269.	60.0	1287.1	2536.7
THERAGRA CHALCOGRAMMA	166.	37.1	794.3	1565.4
SCORPAENIDAE(FAMILY)	4.	0.9	19.1	37.7
TOTAL	448.	100.0	2143.5	4224.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
ZOARCIDAE(FAMILY)	1.	100.0	4.8	9.4
TOTAL	1.	100.0	4.8	9.4

TABLE:	216	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	37	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	215 M3
POSITION:	49 19.0 N 123 20.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 20	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0926 HR	ALIQUOT:	
		DEPTH OF TOW:	186 M	S.H.F.:	8.65

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.4	37.2	69.2
LEUROGLOSSUS STILBIUS	51.	2.6	237.2	441.1
MERLUCCIUS PRODUCTUS	1431.	74.2	6655.8	12378.1
THERAGRA CHALCOGRAMMA	439.	22.8	2041.9	3797.3
TOTAL	1929.	100.0	8972.1	16685.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.3	4.7	8.6
LEUROGLOSSUS STILBIUS	8.	2.6	37.2	69.2
MERLUCCIUS PRODUCTUS	105.	33.8	488.4	908.2
THERAGRA CHALCOGRAMMA	192.	61.7	893.0	1660.8
PHOLIDAE(FAMILY)	1.	0.3	4.7	8.6
SCORPAENIDAE(FAMILY)	4.	1.3	18.6	34.6
TOTAL	311.	100.0	1446.5	2690.1

TABLE:	217	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	183 M3
POSITION:	49 14.9 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1012 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	9.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	169.	12.3	923.5	1614.0
LEUROGLOSSUS STILBIUS	16.	1.2	87.4	152.8
MERLUCCIUS PRODUCTUS	701.	51.0	3830.6	6694.6
THERAGRA CHALCOGRAMMA	477.	34.7	2606.6	4555.4
PLEURONECTIDAE(FAMILY)	12.	0.9	65.6	114.6
TOTAL	1375.	100.0	7513.7	13131.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	3.0	43.7	76.4
CLUPEA HARENGUS	9.	3.4	49.2	86.0
LEUROGLOSSUS STILBIUS	10.	3.8	54.6	95.5
MERLUCCIUS PRODUCTUS	83.	31.4	453.6	792.7
THERAGRA CHALCOGRAMMA	150.	56.8	819.7	1432.5
AMMODYTES HEXAPTERUS	1.	0.4	5.5	9.6
SCORPAENIDAE(FAMILY)	3.	1.1	16.4	28.7
TOTAL	264.	100.0	1442.6	2521.2

TABLE:	218	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	225 M3
POSITION:	49 16.5 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1052 HR	ALIQUOT:	
		DEPTH OF TOW:	208 M	S.H.F.:	9.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	11.	0.9	48.9	101.5
MERLUCCIUS PRODUCTUS	34.	2.8	151.1	313.8
THERAGRA CHALCOGRAMMA	666.	55.2	2960.0	6147.2
	496.	41.1	2204.4	4578.1
TOTAL	1207.	100.0	5364.4	11140.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	4.4	9.2
CLUPEA HARENGUS	4.	0.9	17.8	36.9
LEUROGLOSSUS STILBIUS	18.	3.9	80.0	166.1
MERLUCCIUS PRODUCTUS	199.	42.6	884.4	1836.8
THERAGRA CHALCOGRAMMA	236.	50.5	1048.9	2178.3
SCORPAENIDAE(FAMILY)	8.	1.7	35.6	73.8
PLEURONECTIDAE(FAMILY)	1.	0.2	4.4	9.2
TOTAL	467.	100.0	2075.6	4310.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.4	9.2
TOTAL	1.	100.0	4.4	9.2

TABLE:	219	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	166 M3
POSITION:	49 17.4 N 123 28.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1132 HR	ALIQUOT:	
		DEPTH OF TOW:	143 M	S.H.F.:	8.61

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.4	24.1	34.4
LEUROGLOSSUS STILBIUS	13.	1.2	78.3	111.9
MERLUCCIUS PRODUCTUS	688.	65.4	4144.6	5923.7
THERAGRA CHALCOGRAMMA	347.	33.0	2090.4	2987.7
TOTAL	1052.	100.0	6337.3	9057.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	6.0	8.6
CLUPEA HARENGUS	1.	0.4	6.0	8.6
LEUROGLOSSUS STILBIUS	14.	5.9	84.3	120.5
MERLUCCIUS PRODUCTUS	135.	56.7	813.3	1162.3
THERAGRA CHALCOGRAMMA	84.	35.3	506.0	723.2
SCORPAENIDAE(FAMILY)	3.	1.3	18.1	25.8
TOTAL	238.	100.0	1433.7	2049.2

TABLE:	220	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	156 M3
POSITION:	49 17.7 N 123 31.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	61 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	170 M	TIME OF TOW:	1204 HR	ALIQUOT:	
		DEPTH OF TOW:	152 M	S.H.F.:	9.15

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	12.8	18.3
LEUROGLOSSUS STILBIUS	22.	3.5	141.0	201.3
MERLUCCIUS PRODUCTUS	388.	62.4	2487.2	3550.2
THERAGRA CHALCOGRAMMA	210.	33.8	1346.2	1921.5
TOTAL	622.	100.0	3987.2	5691.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	8.6	141.0	201.3
MERLUCCIUS PRODUCTUS	175.	68.4	1121.8	1601.2
THERAGRA CHALCOGRAMMA	55.	21.5	352.6	503.2
SCORPAENIDAE(FAMILY)	4.	1.6	25.6	36.6
TOTAL	256.	100.0	1641.0	2342.4

TABLE:	221	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	49 19.4 N 123 35.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	182 M	TIME OF TOW:	1237 HR	ALIQUOT:	
		DEPTH OF TOW:	153 M	S.H.F.:	8.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	0.7	59.5	91.2
LEUROGLOSSUS STILBIUS	30.	1.9	162.2	248.7
MERLUCCIUS PRODUCTUS	1169.	73.2	6318.9	9691.0
THERAGRA CHALCOGRAMMA	386.	24.2	2086.5	3199.9
TOTAL	1596.	100.0	8627.0	13230.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	53.	17.3	286.5	439.4
MERLUCCIUS PRODUCTUS	207.	67.4	1118.9	1716.0
THERAGRA CHALCOGRAMMA	47.	15.3	254.1	389.6
TOTAL	307.	100.0	1659.5	2545.0

TABLE: 222	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80- 8	WIND VELOCITY: 2 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 43	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 12/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 297 M3
POSITION: - 49 16.6 N 123 34.4 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 62 . 27	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 340 M	TIME OF TOW: 1338 HR	ALIQUOT:
	DEPTH OF TOW: 307 M	S.H.F.: 10.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	3.4	10.3
LEUROGLOSSUS STILBIUS	66.	2.8	222.2	682.4
MERLUCCIUS PRODUCTUS	242.	10.1	814.8	2502.3
THERAGRA CHALCOGRAMMA	2079.	87.0	7000.0	21496.9
PLEURONECTIDAE(FAMILY)	2.	0.1	6.7	20.7
TOTAL	2390.	100.0	8047.1	24712.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	10.1	31.0
LEUROGLOSSUS STILBIUS	67.	6.8	225.6	692.8
MERLUCCIUS PRODUCTUS	817.	82.9	2750.8	8447.8
THERAGRA CHALCOGRAMMA	98.	9.9	330.0	1013.3
SCORPAENIDAE(FAMILY)	1.	0.1	3.4	10.3
TOTAL	986.	100.0	3319.9	10195.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.4	10.3
TOTAL	1.	100.0	3.4	10.3

TABLE:	223	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.7 C	VOL. FILTERED:	394 M3
POSITION:	49 14.9 N 123 30.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1422 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	7.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	17.	0.6	43.1	135.8
LEUROGLOSSUS STILBIUS	81.	2.7	205.6	647.2
MERLUCCIUS PRODUCTUS	1931.	64.0	4901.0	15428.7
THERAGRA CHALCOGRAMMA	987.	32.7	2505.1	7886.1
TOTAL	3016.	100.0	7654.8	24097.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	44.	5.3	111.7	351.6
MERLUCCIUS PRODUCTUS	571.	69.2	1449.2	4562.3
THERAGRA CHALCOGRAMMA	205.	24.8	520.3	1637.9
SCORPAENIDAE(FAMILY)	4.	0.5	10.2	32.0
PLEURONECTIDAE(FAMILY)	1.	0.1	2.5	8.0
TOTAL	825.	100.0	2093.9	6591.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	5.1	16.0
ZOARCIDAE(FAMILY)	1.	33.3	2.5	8.0
TOTAL	3.	100.0	7.6	24.0

TABLE:	224	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	297 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1526 HR	ALIQUOT:	
		DEPTH OF TOW:	337 M	S.H.F.:	11.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	19.	1.5	64.0	215.5
LEUROGLOSSUS STILBIUS	39.	3.0	131.3	442.3
MERLUCCIUS PRODUCTUS	790.	60.4	2659.9	8958.6
THERAGRA CHALCOGRAMMA	459.	35.1	1545.5	5205.1
TOTAL	1307.	100.0	4400.7	14821.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	40.	6.4	134.7	453.6
LEUROGLOSSUS STILBIUS	71.	11.4	239.1	805.1
MERLUCCIUS PRODUCTUS	453.	72.8	1525.3	5137.0
THERAGRA CHALCOGRAMMA	55.	8.8	185.2	623.7
SCORPAENIDAE(FAMILY)	3.	0.5	10.1	34.0
TOTAL	622.	100.0	2094.3	7053.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.4	11.3
TOTAL	1.	100.0	3.4	11.3

TABLE:	225	WIND DIRECTION:	315 DEG
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS
SAMPLE NO.:	46	WAVE HEIGHT:	
DATE:	12/ 4/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	1612 HR
		DEPTH OF TOW:	342 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	317 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.80

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	2.	0.3	6.3	21.6
MERLUCCIUS PRODUCTUS	14.	2.4	44.2	151.2
THERAGRA CHALCOGRAMMA	512.	88.6	1615.1	5529.6
PLEURONECTIDAE(FAMILY)	49.	8.5	154.6	529.2
	1.	0.2	3.2	10.8
TOTAL	578.	100.0	1823.3	6242.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	34.	10.4	107.3	367.2
LEUROGLOSSUS STILBIUS	51.	15.6	160.9	550.8
MERLUCCIUS PRODUCTUS	230.	70.6	725.6	2484.0
THERAGRA CHALCOGRAMMA	8.	2.5	25.2	86.4
SCORPAENIDAE(FAMILY)	3.	0.9	9.5	32.4
TOTAL	326.	100.0	1028.4	3520.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	6.3	21.6
TOTAL	2.	100.0	6.3	21.6

TABLE:	226	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	47	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.3 C	VOL. FILTERED:	194 M3
POSITION:	49 11.4 N 123 44.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1655 HR	ALIQUOT:	
		DEPTH OF TOW:	169 M	S.H.F.:	8.72

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	2.	3.7	10.3	17.4
MERLUCCIUS PRODUCTUS	1.	1.9	5.2	8.7
THERAGRA CHALCOGRAMMA	32.	59.3	164.9	279.0
	19.	35.2	97.9	165.7
TOTAL	54.	100.0	278.4	470.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.9	5.2	8.7
LEUROGLOSSUS STILBIUS	20.	37.7	103.1	174.4
MERLUCCIUS PRODUCTUS	12.	22.6	61.9	104.6
THERAGRA CHALCOGRAMMA	6.	11.3	30.9	52.3
STICHAEIDAE(FAMILY)	1.	1.9	5.2	8.7
SCORPAENIDAE(FAMILY)	13.	24.5	67.0	113.4
TOTAL	53.	100.0	273.2	462.2

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	5.2	8.7
TOTAL	1.	100.0	5.2	8.7

TABLE:	227	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	48	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	12/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	9.7 C	VOL. FILTERED:	187 M3
POSITION:	49 10.0 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1731 HR	ALIQUOT:	
		DEPTH OF TOW:	169 M	S.H.F.:	9.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	3.9	16.0	27.2
LEUROGLOSSUS STILBIUS	2.	2.6	10.7	18.1
MERLUCCIUS PRODUCTUS	56.	73.7	299.5	506.8
THERAGRA CHALCOGRAMMA	15.	19.7	80.2	135.8
TOTAL	76.	100.0	406.4	687.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	46.	31.5	246.0	416.3
LEUROGLOSSUS STILBIUS	25.	17.1	133.7	226.3
MERLUCCIUS PRODUCTUS	33.	22.6	176.5	298.6
THERAGRA CHALCOGRAMMA	11.	7.5	58.8	99.6
SCORPAENIDAE(FAMILY)	31.	21.2	165.8	280.6
TOTAL	146.	100.0	780.7	1321.3

TABLE:	228	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	49	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	334 M3
POSITION:	49 11.6 N 123 34.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	357 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	320 M	S.H.F.:	9.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.5	24.0	76.7
LEUROGLOSSUS STILBIUS	57.	3.7	170.7	546.6
MERLUCCIUS PRODUCTUS	992.	63.7	2970.1	9513.3
THERAGRA CHALCOGRAMMA	500.	32.1	1497.0	4795.0
TOTAL	1557.	100.0	4661.7	14931.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.0	9.6
CLUPEA HARENGUS	7.	1.4	21.0	67.1
LEUROGLOSSUS STILBIUS	57.	11.8	170.7	546.6
MERLUCCIUS PRODUCTUS	366.	75.6	1095.8	3509.9
THERAGRA CHALCOGRAMMA	45.	9.3	134.7	431.6
SCORPAENIDAE(FAMILY)	8.	1.7	24.0	76.7
TOTAL	484.	100.0	1449.1	4641.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.0	9.6
TOTAL	1.	100.0	3.0	9.6

TABLE: 229	WIND DIRECTION: 315 DEG	TOW SPEED:	1 MPS
CRUISE: SG 80- 8	WIND VELOCITY: 1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.: 50	WAVE HEIGHT:	GEAR TYPE:	BONGO .25 M2
DATE: 13/ 4/80	SWELL HEIGHT:	MESH SIZE:	.351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED:	133 M3
POSITION: 49 11.6 N 123 28.5 W	STD NUMBER:	DISP. VOLUME:	
GRID POSITION: 56 . 29	BT/XBT NUMBER:	PLANKTON CONC.:	
BOTTOM DEPTH: 330 M	TIME OF TOW: 0937 HR	ALIQUOT:	
	DEPTH OF TOW: 301 M	S.H.F.:	22.63

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	1.2	60.2	181.0
LEUROGLOSSUS STILBIUS	22.	3.2	165.4	497.9
MERLUCCIUS PRODUCTUS	447.	64.4	3360.9	10115.6
THERAGRA CHALCOGRAMMA	217.	31.3	1631.6	4910.7
TOTAL	694.	100.0	5218.0	15705.2

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	4.7	67.7	203.7
MERLUCCIUS PRODUCTUS	132.	69.5	992.5	2987.2
THERAGRA CHALCOGRAMMA	48.	25.3	360.9	1086.2
SCORPAENIDAE(FAMILY)	1.	0.5	7.5	22.6
TOTAL	190.	100.0	1428.6	4299.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	7.5	22.6
TOTAL	1.	100.0	7.5	22.6

TABLE:	230	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	51	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	295 M3
POSITION:	49 12.9 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1037 HR	ALIQUOT:	
		DEPTH OF TOW:	280 M	S.H.F.:	9.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	17.	1.0	57.6	161.7
LEUROGLOSSUS STILBIUS	19.	1.1	64.4	180.7
MERLUCCIUS PRODUCTUS	715.	40.9	2423.7	6799.7
THERAGRA CHALCOGRAMMA	999.	57.1	3386.4	9500.5
TOTAL	1750.	100.0	5932.2	16642.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.9	10.2	28.5
CLUPEA HARENGUS	2.	0.6	6.8	19.0
LEUROGLOSSUS STILBIUS	16.	4.6	54.2	152.2
MERLUCCIUS PRODUCTUS	143.	41.0	484.7	1359.9
THERAGRA CHALCOGRAMMA	180.	51.6	610.2	1711.8
SCORPAENIDAE(FAMILY)	5.	1.4	16.9	47.6
TOTAL	349.	100.0	1183.1	3319.0

TABLE:	231	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	52	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	49 11.3 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	1116 HR	ALIQUOT:	
		DEPTH OF TOW:	162 M	S.H.F.:	8.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	13.	2.5	68.4	111.2
LEUROGLOSSUS STILBIUS	2.	0.4	10.5	17.1
MERLUCCIUS PRODUCTUS	85.	16.1	447.4	726.8
THERAGRA CHALCOGRAMMA	427.	81.0	2247.4	3650.9
TOTAL	527.	100.0	2773.7	4505.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	12.9	68.4	111.2
MERLUCCIUS PRODUCTUS	38.	37.6	200.0	324.9
THERAGRA CHALCOGRAMMA	45.	44.6	236.8	384.8
STICHAEIDAE(FAMILY)	1.	1.0	5.3	8.6
SCORPAENIDAE(FAMILY)	4.	4.0	21.1	34.2
TOTAL	101.	100.0	531.6	863.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	10.5	17.1
TOTAL	2.	100.0	10.5	17.1

TABLE: 232
CRUISE: SG 80- 8
SAMPLE NO.: 53
DATE: 13/ 4/80
VESSEL: CALIGUS
POSITION: 49 9.9 N 123 24.7 W
GRID POSITION: 53 . 29
BOTTOM DEPTH: 230 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1157 HR
DEPTH OF TOW: 216 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 250 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	0.4	36.0	77.8
LEUROGLOSSUS STILBIUS	39.	1.6	156.0	337.0
MERLUCCIUS PRODUCTUS	1045.	43.1	4180.0	9028.8
THERAGRA CHALCOGRAMMA	1331.	54.9	5324.0	11499.8
TOTAL	2424.	100.0	9696.0	20943.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	30.	13.8	120.0	259.2
MERLUCCIUS PRODUCTUS	84.	38.5	336.0	725.8
THERAGRA CHALCOGRAMMA	99.	45.4	396.0	855.4
SCORPAENIDAE(FAMILY)	5.	2.3	20.0	43.2
TOTAL	218.	100.0	872.0	1883.5

TABLE:	233	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	54	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	328 M3
POSITION:	49 8.5 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	55 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	352 M	TIME OF TOW:	1250 HR	ALIQUOT:	
		DEPTH OF TOW:	316 M	S.H.F.:	9.63

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	2.7	76.2	240.8
MERLUCCIUS PRODUCTUS	777.	83.0	2368.9	7482.5
THERAGRA CHALCOGRAMMA	134.	14.3	408.5	1290.4
TOTAL	936.	100.0	2853.7	9013.7

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	8.	1.7	24.4	77.0
LEUROGLOSSUS STILBIUS	68.	14.3	207.3	654.8
MERLUCCIUS PRODUCTUS	352.	73.9	1073.2	3389.8
THERAGRA CHALCOGRAMMA	41.	8.6	125.0	394.8
SCORPAENIDAE(FAMILY)	7.	1.5	21.3	67.4
TOTAL	476.	100.0	1451.2	4583.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
NECTOLIPARIS PELAGICUS	1.	100.0	3.0	9.6
TOTAL	1.	100.0	3.0	9.6

TABLE:	234	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY: 6 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	55	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 168 M3
POSITION:	49 7.7 N 123 36.2 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	58 . 35	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	165 M	TIME OF TOW: 1352 HR	ALIQUOT:
		DEPTH OF TOW: 155 M	S.H.F.: 9.22

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	5.4	23.8	36.9
LEUROGLOSSUS STILBIUS	1.	1.4	6.0	9.2
MERLUCCIUS PRODUCTUS	38.	51.4	226.2	350.4
THERAGRA CHALCOGRAMMA	31.	41.9	184.5	285.8
TOTAL	74.	100.0	440.5	682.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.0	11.9	18.4
LEUROGLOSSUS STILBIUS	24.	12.4	142.9	221.3
MERLUCCIUS PRODUCTUS	77.	39.7	458.3	709.9
THERAGRA CHALCOGRAMMA	85.	43.8	506.0	783.7
SCORPAENIDAE(FAMILY)	5.	2.6	29.8	46.1
PLEURONECTIDAE(FAMILY)	1.	0.5	6.0	9.2
TOTAL	194.	100.0	1154.8	1788.7

TABLE:	235	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	56	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	10.3 C	VOL. FILTERED:	359 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1442 HR	ALIQUOT:	
		DEPTH OF TOW:	310 M	S.H.F.:	8.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	5.6	17.3
LEUROGLOSSUS STILBIUS	53.	5.2	147.6	457.9
MERLUCCIUS PRODUCTUS	751.	74.0	2091.9	6488.6
THERAGRA CHALCOGRAMMA	209.	20.6	582.2	1805.8
TOTAL	1015.	100.0	2827.3	8769.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	40.	7.5	111.4	345.6
LEUROGLOSSUS STILBIUS	88.	16.4	245.1	760.3
MERLUCCIUS PRODUCTUS	256.	47.9	713.1	2211.8
THERAGRA CHALCOGRAMMA	144.	26.9	401.1	1244.2
SCORPAENIDAE(FAMILY)	7.	1.3	19.5	60.5
TOTAL	535.	100.0	1490.3	4622.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MYCTOPHIDAE(FAMILY)	1.	50.0	2.8	8.6
ZOARCIDAE(FAMILY)	1.	50.0	2.8	8.6
TOTAL	2.	100.0	5.6	17.3

TABLE:	236	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	57	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	49 1.9 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1532 HR	ALIQUOT:	
		DEPTH OF TOW:	232 M	S.H.F.:	10.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	5.	0.8	22.4	52.1
MERLUCCIUS PRODUCTUS	24.	4.0	107.6	250.1
THERAGRA CHALCOGRAMMA	346.	57.2	1551.6	3605.3
	230.	38.0	1031.4	2396.6
TOTAL	605.	100.0	2713.0	6304.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	31.	17.2	139.0	323.0
MERLUCCIUS PRODUCTUS	81.	45.0	363.2	844.0
THERAGRA CHALCOGRAMMA	65.	36.1	291.5	677.3
SCORPAENIDAE(FAMILY)	3.	1.7	13.5	31.3
TOTAL	180.	100.0	807.2	1875.6

TABLE:	237	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	58	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	13/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	10.9 C	VOL. FILTERED:	281 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	305 M	TIME OF TOW:	1620 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	10.85

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.2	17.8	54.3
LEUROGLOSSUS STILBIUS	54.	2.0	192.2	585.9
MERLUCCIUS PRODUCTUS	2269.	84.9	8074.7	24618.7
THERAGRA CHALCOGRAMMA	343.	12.8	1220.6	3721.6
TOTAL	2671.	100.0	9505.3	28980.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.6	10.9
LEUROGLOSSUS STILBIUS	53.	6.9	188.6	575.1
MERLUCCIUS PRODUCTUS	391.	50.9	1391.5	4242.4
THERAGRA CHALCOGRAMMA	318.	41.4	1131.7	3450.3
SCORPAENIDAE(FAMILY)	5.	0.7	17.8	54.3
TOTAL	768.	100.0	2733.1	8332.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.6	10.9
TOTAL	1.	100.0	3.6	10.9

TABLE: 238	WIND DIRECTION:	TOW SPEED:	1 MPS
CRUISE: SG 80- 8	WIND VELOCITY:	TYPE OF TOW:	OBLIQUE
SAMPLE NO.: 59	WAVE HEIGHT:	GEAR TYPE:	BONGO .25 M2
DATE: 14/ 4/80	SWELL HEIGHT:	MESH SIZE:	.351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED:	243 M3
POSITION: 49 6.3 N 123 24.8 W	STD NUMBER:	DISP. VOLUME:	
GRID POSITION: 51 . 32	BT/XBT NUMBER:	PLANKTON CONC.:	
BOTTOM DEPTH: 256 M	TIME OF TOW: 0742 HR	ALIQUOT:	
	DEPTH OF TOW: 231 M	S.H.F.:	9.52

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	7.	0.4	28.8	66.6
LEUROGLOSSUS STILBIUS	35.	1.9	144.0	333.2
MERLUCCIUS PRODUCTUS	1123.	62.3	4621.4	10691.0
THERAGRA CHALCOGRAMMA	638.	35.4	2625.5	6073.8
PLEURONECTIDAE(FAMILY)	1.	0.1	4.1	9.5
TOTAL	1804.	100.0	7423.9	17174.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.1	12.3	28.6
LEUROGLOSSUS STILBIUS	22.	8.2	90.5	209.4
MERLUCCIUS PRODUCTUS	147.	54.6	604.9	1399.4
THERAGRA CHALCOGRAMMA	97.	36.1	399.2	923.4
TOTAL	269.	100.0	1107.0	2560.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	4.1	9.5
ZOARCIDAE(FAMILY)	1.	50.0	4.1	9.5
TOTAL	2.	100.0	8.2	19.0

TABLE:	239	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	60	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	222 M3
POSITION:	49 3.8 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	225 M	TIME OF TOW:	0820 HR	ALIQUOT:	
		DEPTH OF TOW:	212 M	S.H.F.:	9.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.9	36.0	76.3
LEUROGLOSSUS STILBIUS	11.	1.2	49.5	104.9
MERLUCCIUS PRODUCTUS	245.	27.2	1103.6	2337.3
THERAGRA CHALCOGRAMMA	638.	70.7	2873.9	6086.5
TOTAL	902.	100.0	4063.1	8605.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.5	4.5	9.5
LEUROGLOSSUS STILBIUS	12.	5.7	54.1	114.5
MERLUCCIUS PRODUCTUS	53.	25.1	238.7	505.6
THERAGRA CHALCOGRAMMA	139.	65.9	626.1	1326.1
SCORPAENIDAE(FAMILY)	6.	2.8	27.0	57.2
TOTAL	211.	100.0	950.5	2012.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.5	9.5
TOTAL	1.	100.0	4.5	9.5

TABLE:	240	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	61	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	183 M3
POSITION:	49 2.7 N 123 19.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	0850 HR	ALIQUOT:	
		DEPTH OF TOW:	165 M	S.H.F.:	9.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	0.8	49.2	81.3
LEUROGLOSSUS STILBIUS	4.	0.3	21.9	36.1
MERLUCCIUS PRODUCTUS	117.	9.9	639.3	1056.5
THERAGRA CHALCOGRAMMA	1046.	88.8	5715.8	9445.4
PLEURONECTIDAE(FAMILY)	2.	0.2	10.9	18.1
TOTAL	1178.	100.0	6437.2	10637.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.4	16.4	27.1
LEUROGLOSSUS STILBIUS	29.	13.7	158.5	261.9
MERLUCCIUS PRODUCTUS	94.	44.3	513.7	848.8
THERAGRA CHALCOGRAMMA	82.	38.7	448.1	740.5
SCORPAENIDAE(FAMILY)	3.	1.4	16.4	27.1
PLEURONECTIDAE(FAMILY)	1.	0.5	5.5	9.0
TOTAL	212.	100.0	1158.5	1914.4

TABLE:	241	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	62	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	49 1.6 N 123 16.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	44 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	0927 HR	ALIQUOT:	
		DEPTH OF TOW:	113 M	S.H.F.:	7.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.5	35.2	39.9
LEUROGLOSSUS STILBIUS	3.	0.3	21.1	23.9
MERLUCCIUS PRODUCTUS	74.	7.7	521.1	590.5
THERAGRA CHALCOGRAMMA	875.	91.4	6162.0	6982.5
TOTAL	957.	100.0	6739.4	7636.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.6	14.1	16.0
LEUROGLOSSUS STILBIUS	25.	19.7	176.1	199.5
MERLUCCIUS PRODUCTUS	25.	19.7	176.1	199.5
THERAGRA CHALCOGRAMMA	71.	55.9	500.0	566.6
AMMODYTES HEXAPTERUS	1.	0.8	7.0	8.0
SCORPAENIDAE(FAMILY)	3.	2.4	21.1	23.9
TOTAL	127.	100.0	894.4	1013.5

TABLE:	242	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	63	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	166 M3
POSITION:	48 58.2 N 123 14.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	41 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	146 M	TIME OF TOW:	1006 HR	ALIQUOT:	
		DEPTH OF TOW:	135 M	S.H.F.:	8.15

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	0.9	42.2	57.0
LEUROGLOSSUS STILBIUS	1.	0.1	6.0	8.1
MERLUCCIUS PRODUCTUS	43.	5.5	259.0	350.4
THERAGRA CHALCOGRAMMA	736.	93.5	4433.7	5998.4
TOTAL	787.	100.0	4741.0	6414.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.7	12.0	16.3
LEUROGLOSSUS STILBIUS	8.	6.6	48.2	65.2
MERLUCCIUS PRODUCTUS	28.	23.1	168.7	228.2
THERAGRA CHALCOGRAMMA	81.	66.9	488.0	660.1
STICHAEIDAE(FAMILY)	1.	0.8	6.0	8.1
SCORPAENIDAE(FAMILY)	1.	0.8	6.0	8.1
TOTAL	121.	100.0	728.9	986.2

TABLE:	243	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	64	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	138 M3
POSITION:	48 56.5 N 123 10.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	122 M	TIME OF TOW:	1038 HR	ALIQUOT:	
		DEPTH OF TOW:	105 M	S.H.F.:	7.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	21.7	22.9
MERLUCCIUS PRODUCTUS	23.	4.8	166.7	175.3
THERAGRA CHALCOGRAMMA	456.	94.6	3304.3	3474.7
TOTAL	482.	100.0	3492.8	3672.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.4	14.5	15.2
LEUROGLOSSUS STILBIUS	9.	6.1	65.2	68.6
MERLUCCIUS PRODUCTUS	28.	18.9	202.9	213.4
THERAGRA CHALCOGRAMMA	107.	72.3	775.4	815.3
SCORPAENIDAE(FAMILY)	2.	1.4	14.5	15.2
TOTAL	148.	100.0	1072.5	1127.8

TABLE:	244
CRUISE:	SG 80- 8
SAMPLE NO.:	65
DATE:	16/ 4/80
VESSEL:	CALIGUS
POSITION:	49 0.2 N 123 27.3 W
GRID POSITION:	49 . 38
BOTTOM DEPTH:	240 M
WIND DIRECTION:	135 DEG
WIND VELOCITY:	5 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	10.1 C
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1145 HR
DEPTH OF TOW:	220 M
TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	251 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	8.77

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.6	23.9	52.6
LEUROGLOSSUS STILBIUS	43.	4.5	171.3	377.1
MERLUCCIUS PRODUCTUS	659.	68.4	2625.5	5779.4
THERAGRA CHALCOGRAMMA	256.	26.6	1019.9	2245.1
TOTAL	964.	100.0	3840.6	8454.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	4.0	8.8
CLUPEA HARENGUS	1.	0.3	4.0	8.8
LEUROGLOSSUS STILBIUS	42.	10.6	167.3	368.3
MERLUCCIUS PRODUCTUS	236.	59.4	940.2	2069.7
THERAGRA CHALCOGRAMMA	92.	23.2	366.5	806.8
SCORPAENIDAE(FAMILY)	25.	6.3	99.6	219.3
TOTAL	397.	100.0	1581.7	3481.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.0	8.8
TOTAL	1.	100.0	4.0	8.8

TABLE:	245	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	66	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	243 M3
POSITION:	49 0.2 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	247 M	TIME OF TOW:	1237 HR	ALIQUOT:	
		DEPTH OF TOW:	233 M	S.H.F.:	9.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	12.3	28.7
LEUROGLOSSUS STILBIUS	33.	3.1	135.8	316.1
MERLUCCIUS PRODUCTUS	648.	60.8	2666.7	6207.8
THERAGRA CHALCOGRAMMA	381.	35.8	1567.9	3650.0
TOTAL	1065.	100.0	4382.7	10202.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	4.1	9.6
CLUPEA HARENGUS	5.	1.0	20.6	47.9
LEUROGLOSSUS STILBIUS	36.	7.5	148.1	344.9
MERLUCCIUS PRODUCTUS	323.	67.0	1329.2	3094.3
THERAGRA CHALCOGRAMMA	106.	22.0	436.2	1015.5
SCORPAENIDAE(FAMILY)	11.	2.3	45.3	105.4
TOTAL	482.	100.0	1983.5	4617.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	4.1	9.6
ZOARCIDAE(FAMILY)	1.	50.0	4.1	9.6
TOTAL	2.	100.0	8.2	19.2

TABLE:	246	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	67	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	187 M3
POSITION:	48 57.7 N 123 18.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1322 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	9.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCFS	6.	1.2	32.1	59.3
LEUROGLOSSUS STILBIUS	16.	3.2	85.6	158.2
MERLUCCIUS PRODUCTUS	263.	52.9	1406.4	2601.1
THERAGRA CHALCOGRAMMA	212.	42.7	1133.7	2096.7
TOTAL	497.	100.0	2657.8	4915.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.5	5.3	9.9
CLUPEA HARENGUS	2.	0.9	10.7	19.8
LEUROGLOSSUS STILBIUS	40.	18.3	213.9	395.6
MERLUCCIUS PRODUCTUS	106.	48.6	566.8	1048.3
THERAGRA CHALCOGRAMMA	66.	30.3	352.9	652.7
SCORPAENIDAE(FAMILY)	3.	1.4	16.0	29.7
TOTAL	218.	100.0	1165.8	2156.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	10.7	19.8
TOTAL	2.	100.0	10.7	19.8

TABLE:	247	WIND DIRECTION:	
CRUISE:	SG 80- 8	WIND VELOCITY:	
SAMPLE NO.:	68	WAVE HEIGHT:	
DATE:	16/ 4/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	48 57.7 N 123 24.4 W	STD NUMBER:	
GRID POSITION:	46 . 39	BT/XBT NUMBER:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1402 HR
		DEPTH OF TOW:	203 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	200 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	1.2	35.0	71.1
LEUROGLOSSUS STILBIUS	12.	2.0	60.0	121.9
MERLUCCIUS PRODUCTUS	248.	41.1	1240.0	2519.7
THERAGRA CHALCOGRAMMA	337.	55.8	1685.0	3423.9
TOTAL	604.	100.0	3020.0	6136.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	5.0	10.2
CLUPEA HARENGUS	1.	0.4	5.0	10.2
LEUROGLOSSUS STILBIUS	33.	13.2	165.0	335.3
MERLUCCIUS PRODUCTUS	110.	44.0	550.0	1117.6
THERAGRA CHALCOGRAMMA	95.	38.0	475.0	965.2
SCORPAENIDAE(FAMILY)	10.	4.0	50.0	101.6
TOTAL	250.	100.0	1250.0	2540.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	5.0	10.2
TOTAL	1.	100.0	5.0	10.2

TABLE:	248	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	5G 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	69	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	204 M3
POSITION:	48 55.6 N 123 21.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1442 HR	ALIQUOT:	
		DEPTH OF TOW:	172 M	S.H.F.:	8.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.9	8.4
LEUROGLOSSUS STILBIUS	18.	1.4	88.2	151.6
MERLUCCIUS PRODUCTUS	522.	41.6	2558.8	4395.2
THERAGRA CHALCOGRAMMA	713.	56.9	3495.1	6003.5
TOTAL	1254.	100.0	6147.1	10558.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	1.7	14.7	25.3
LEUROGLOSSUS STILBIUS	55.	30.9	269.6	463.1
MERLUCCIUS PRODUCTUS	41.	23.0	201.0	345.2
THERAGRA CHALCOGRAMMA	73.	41.0	357.8	614.7
SCORPAENIDAE(FAMILY)	5.	2.8	24.5	42.1
CYCLOPTERIDAE(FAMILY)	1.	0.6	4.9	8.4
TOTAL	178.	100.0	872.5	1498.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	9.8	16.8
TOTAL	2.	100.0	9.8	16.8

TABLE:	249	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	70	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	169 M3
POSITION:	48 56.0 N 123 15.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	155 M	TIME OF TOW:	1527 HR	ALIQUOT:	
		DEPTH OF TOW:	132 M	S.H.F.:	7.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.9	7.8
LEUROGLOSSUS STILBIUS	6.	1.6	35.5	46.8
MERLUCCIUS PRODUCTUS	45.	11.9	266.3	351.0
THERAGRA CHALCOGRAMMA	322.	85.4	1905.3	2511.6
PLEURONECTIDAE(FAMILY)	3.	0.8	17.8	23.4
TOTAL	377.	100.0	2230.8	2940.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	11.8	15.6
LEUROGLOSSUS STILBIUS	18.	10.1	106.5	140.4
MERLUCCIUS PRODUCTUS	70.	39.3	414.2	546.0
THERAGRA CHALCOGRAMMA	80.	44.9	473.4	624.0
SCORPAENIDAE(FAMILY)	8.	4.5	47.3	62.4
TOTAL	178.	100.0	1053.3	1388.4

TABLE:	250	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	71	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	10.8 C	VOL. FILTERED:	213 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	1557 HR	ALIQUOT:	
		DEPTH OF TOW:	160 M	S.H.F.:	7.52

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	2.1	42.3	67.7
MERLUCCIUS PRODUCTUS	57.	13.0	267.6	428.6
THERAGRA CHALCOGRAMMA	368.	84.2	1727.7	2767.4
PLEURONECTIDAE(FAMILY)	3.	0.7	14.1	22.6
TOTAL	437.	100.0	2051.6	3286.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.6	9.4	15.0
LEUROGLOSSUS STILBIUS	6.	7.9	28.2	45.1
MERLUCCIUS PRODUCTUS	45.	59.2	211.3	338.4
THERAGRA CHALCOGRAMMA	14.	18.4	65.7	105.3
PHOLIDAE(FAMILY)	1.	1.3	4.7	7.5
SCORPAENIDAE(FAMILY)	7.	9.2	32.9	52.6
COTTIDAE(FAMILY)	1.	1.3	4.7	7.5
TOTAL	76.	100.0	356.8	571.5

TABLE:	251	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	72	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	218 M3
POSITION:	48 52.3 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	37 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0712 HR	ALIQUOT:	
		DEPTH OF TOW:	192 M	S.H.F.:	8.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.5	22.9	44.0
MERLUCCIUS PRODUCTUS	26.	7.6	119.3	228.8
THERAGRA CHALCOGRAMMA	313.	91.0	1435.8	2754.4
TOTAL	344.	100.0	1578.0	3027.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.6	9.2	17.6
LEUROGLOSSUS STILBIUS	15.	11.6	68.8	132.0
MERLUCCIUS PRODUCTUS	53.	41.1	243.1	466.4
THERAGRA CHALCOGRAMMA	52.	40.3	238.5	457.6
SCORPAENIDAE(FAMILY)	7.	5.4	32.1	61.6
TOTAL	129.	100.0	591.7	1135.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.6	8.8
TOTAL	1.	100.0	4.6	8.8

TABLE:	252	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	73	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	133 M3
POSITION:	48 53.8 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	133 M	TIME OF TOW:	0756 HR	ALIQUOT:	
		DEPTH OF TOW:	124 M	S.H.F.:	9.33

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	5.7	37.6	46.7
MERLUCCIUS PRODUCTUS	14.	16.1	105.3	130.6
THERAGRA CHALCOGRAMMA	68.	78.2	511.3	634.4
TOTAL	87.	100.0	654.1	811.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	28.	27.2	210.5	261.2
THERAGRA CHALCOGRAMMA	40.	38.8	300.8	373.2
STICHAEIDAE(FAMILY)	1.	1.0	7.5	9.3
PHOLIDAE(FAMILY)	1.	1.0	7.5	9.3
SCORPAENIDAE(FAMILY)	33.	32.0	248.1	307.9
TOTAL	103.	100.0	774.4	961.0

TABLE:	253	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	74	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	48 55.7 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	35 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	0837 HR	ALIQUOT:	
		DEPTH OF TOW:	95 M	S.H.F.:	6.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	8.8	70.4	66.8
MERLUCCIUS PRODUCTUS	8.	7.1	56.3	53.4
THERAGRA CHALCOGRAMMA	85.	75.2	598.6	567.8
PLEURONECTIDAE(FAMILY)	10.	8.8	70.4	66.8
TOTAL	113.	100.0	795.8	754.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	2.9	35.2	33.4
LEUROGLOSSUS STILBIUS	3.	1.7	21.1	20.0
MERLUCCIUS PRODUCTUS	21.	12.2	147.9	140.3
THERAGRA CHALCOGRAMMA	106.	61.6	746.5	708.1
STICHAEIDAE(FAMILY)	3.	1.7	21.1	20.0
PHOLIDAE(FAMILY)	1.	0.6	7.0	6.7
AMMODYTES HEXAPTERUS	1.	0.6	7.0	6.7
SCORPAENIDAE(FAMILY)	21.	12.2	147.9	140.3
CYCLOPTERIDAE(FAMILY)	6.	3.5	42.3	40.1
PLEURONECTIDAE(FAMILY)	5.	2.9	35.2	33.4
TOTAL	172.	100.0	1211.3	1149.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	20.0	7.0	6.7
PHOLIDAE(FAMILY)	2.	40.0	14.1	13.4
PLEURONECTIDAE(FAMILY)	2.	40.0	14.1	13.4
TOTAL	5.	100.0	35.2	33.4

TABLE: 254
CRUISE: SG 80- 8
SAMPLE NO.: 75
DATE: 17/ 4/80
VESSEL: CALIGUS
POSITION: 48 53.8 N 123 4.5 W
GRID POSITION: 33 . 35
BOTTOM DEPTH: 134 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 5 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0908 HR
DEPTH OF TOW: 124 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 146 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	3.	3.5	20.5	25.5
THERAGRA CHALCOGRAMMA	10.	11.8	68.5	85.0
PLEURONECTIDAE(FAMILY)	68.	80.0	465.8	578.0
	4.	4.7	27.4	34.0
TOTAL	85.	100.0	582.2	722.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	1.5	6.8	8.5
MERLUCCIUS PRODUCTUS	2.	3.1	13.7	17.0
THERAGRA CHALCOGRAMMA	10.	15.4	68.5	85.0
STICHAEIDAE(FAMILY)	25.	38.5	171.2	212.5
PHOLIDAE(FAMILY)	1.	1.5	6.8	8.5
SCORPAENIDAE(FAMILY)	1.	1.5	6.8	8.5
COTTIDAE(FAMILY)	21.	32.3	143.8	178.5
PLEURONECTIDAE(FAMILY)	1.	1.5	6.8	8.5
	3.	4.6	20.5	25.5
TOTAL	65.	100.0	445.2	552.5

TABLE:	255	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	76	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	149 M3
POSITION:	48 52.1 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	0946 HR	ALIQUOT:	
		DEPTH OF TOW:	110 M	S.H.F.:	7.38

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.9	6.7	7.4
LEUROGLOSSUS STILBIUS	1.	0.9	6.7	7.4
MERLUCCIUS PRODUCTUS	10.	9.2	67.1	73.8
THERAGRA CHALCOGRAMMA	82.	75.2	550.3	605.2
PLEURONECTIDAE(FAMILY)	15.	13.8	100.7	110.7
TOTAL	109.	100.0	731.5	804.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	6.7	7.4
CLUPEA HARENGUS	6.	3.3	40.3	44.3
LEUROGLOSSUS STILBIUS	1.	0.6	6.7	7.4
MERLUCCIUS PRODUCTUS	44.	24.4	295.3	324.7
THERAGRA CHALCOGRAMMA	83.	46.1	557.0	612.5
STICHAEIDAE(FAMILY)	1.	0.6	6.7	7.4
PHOLIDAE(FAMILY)	3.	1.7	20.1	22.1
SCORPAENIDAE(FAMILY)	35.	19.4	234.9	258.3
COTTIDAE(FAMILY)	5.	2.8	33.6	36.9
CYCLOPTERIDAE(FAMILY)	1.	0.6	6.7	7.4
TOTAL	180.	100.0	1208.1	1328.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	20.0	6.7	7.4
PHOLIDAE(FAMILY)	2.	40.0	13.4	14.8
COTTIDAE(FAMILY)	2.	40.0	13.4	14.8
TOTAL	5.	100.0	33.6	36.9

TABLE:	256	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	77	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	9.5 C	VOL. FILTERED:	188 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1030 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	1.4	21.3	36.4
MERLUCCIUS PRODUCTUS	27.	9.7	143.6	246.0
THERAGRA CHALCOGRAMMA	248.	88.9	1319.1	2259.3
TOTAL	279.	100.0	1484.0	2541.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.6	10.6	18.2
CLUPEA HARENGUS	1.	0.8	5.3	9.1
LEUROGLOSSUS STILBIUS	20.	16.0	106.4	182.2
MERLUCCIUS PRODUCTUS	40.	32.0	212.8	364.4
THERAGRA CHALCOGRAMMA	58.	46.4	308.5	528.4
SCORPAENIDAE(FAMILY)	4.	3.2	21.3	36.4
TOTAL	125.	100.0	664.9	1138.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	5.3	9.1
TOTAL	1.	100.0	5.3	9.1

TABLE:	257	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	78	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	141 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	132 M	TIME OF TOW:	1107 HR	ALIQUOT:	
		DEPTH OF TOW:	111 M	S.H.F.:	7.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	15.	17.9	106.4	118.3
LEUROGLOSSUS STILBIUS	1.	1.2	7.1	7.9
MERLUCCIUS PRODUCTUS	13.	15.5	92.2	102.6
THERAGRA CHALCOGRAMMA	55.	65.5	390.1	433.9
TOTAL	84.	100.0	595.7	662.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.9	21.3	23.7
LEUROGLOSSUS STILBIUS	28.	18.1	198.6	220.9
MERLUCCIUS PRODUCTUS	62.	40.0	439.7	489.2
THERAGRA CHALCOGRAMMA	52.	33.5	368.8	410.3
SCORPAENIDAE(FAMILY)	9.	5.8	63.8	71.0
CYCLOPTERIDAE(FAMILY)	1.	0.6	7.1	7.9
TOTAL	155.	100.0	1099.3	1223.0

TABLE:	258	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	79	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	48 49.7 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	187 M	TIME OF TOW:	1132 HR	ALIQUOT:	
		DEPTH OF TOW:	162 M	S.H.F.:	9.97

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	7.	5.5	43.2	69.8
THERAGRA CHALCOGRAMMA	10.	7.9	61.7	99.7
	110.	86.6	679.0	1096.7
TOTAL	127.	100.0	784.0	1266.2

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	3.	2.4	18.5	29.9
LEUROGLOSSUS STILBIUS	3.	2.4	18.5	29.9
MERLUCCIUS PRODUCTUS	3.	2.4	18.5	29.9
THERAGRA CHALCOGRAMMA	55.	44.0	339.5	548.4
AMMODYTES HEXAPTERUS	36.	28.8	222.2	358.9
SCORPAENIDAE(FAMILY)	1.	0.8	6.2	10.0
CYCLOPTERIDAE(FAMILY)	22.	17.6	135.8	219.3
PLEURONECTIDAE(FAMILY)	1.	0.8	6.2	10.0
	1.	0.8	6.2	10.0
TOTAL	125.	100.0	771.6	1246.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	20.0	6.2	10.0
THERAGRA CHALCOGRAMMA	1.	20.0	6.2	10.0
AMMODYTES HEXAPTERUS	2.	40.0	12.3	19.9
AGONIDAE(FAMILY)	1.	20.0	6.2	10.0
TOTAL	5.	100.0	30.9	49.9

TABLE:	259	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	152 M3
POSITION:	48 48.6 N 123 2.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1200 HR	ALIQUOT:	
		DEPTH OF TOW:	146 M	S.H.F.:	9.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	65.	40.9	427.6	621.4
MERLUCCIUS PRODUCTUS	12.	7.5	78.9	114.7
THERAGRA CHALCOGRAMMA	82.	51.6	539.5	783.9
TOTAL	159.	100.0	1046.1	1520.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	1.3	19.7	28.7
LEUROGLOSSUS STILBIUS	2.	0.9	13.2	19.1
MERLUCCIUS PRODUCTUS	35.	15.6	230.3	334.6
THERAGRA CHALCOGRAMMA	149.	66.5	980.3	1424.4
STICHAEIDAE(FAMILY)	2.	0.9	13.2	19.1
SCORPAENIDAE(FAMILY)	27.	12.1	177.6	258.1
COTTIDAE(FAMILY)	1.	0.4	6.6	9.6
CYCLOPTERIDAE(FAMILY)	4.	1.8	26.3	38.2
PLEURONECTIDAE(FAMILY)	1.	0.4	6.6	9.6
TOTAL	224.	100.0	1473.7	2141.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	6.6	9.6
TOTAL	1.	100.0	6.6	9.6

TABLE:	260	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	81	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	198 M3
POSITION:	48 49.3 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1227 HR	ALIQUOT:	
		DEPTH OF TOW:	199 M	S.H.F.:	10.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	17.	16.0	85.9	171.2
THERAGRA CHALCOGRAMMA	14.	13.2	70.7	141.0
	75.	70.8	378.8	755.3
TOTAL	106.	100.0	535.4	1067.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	3.7	15.2	30.2
LEUROGLOSSUS STILBIUS	3.	3.7	15.2	30.2
MERLUCCIUS PRODUCTUS	8.	9.9	40.4	80.6
THERAGRA CHALCOGRAMMA	40.	49.4	202.0	402.8
STICHAEIDAE(FAMILY)	1.	1.2	5.1	10.1
SCORPAENIDAE(FAMILY)	19.	23.5	96.0	191.3
COTTIDAE(FAMILY)	1.	1.2	5.1	10.1
CYCLOPTERIDAE(FAMILY)	6.	7.4	30.3	60.4
TOTAL	81.	100.0	409.1	815.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MYCTOPHIDAE(FAMILY)	1.	100.0	5.1	10.1
TOTAL	1.	100.0	5.1	10.1

TABLE: 261
CRUISE: SG 80- 8
SAMPLE NO.: 82
DATE: 17/ 4/80
VESSEL: CALIGUS
POSITION: 48 51.8 N 123 2.9 W
GRID POSITION: 31 . 36
BOTTOM DEPTH: 210 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 5 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP: 9.3 C
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1308 HR
DEPTH OF TOW: 192 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 173 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 11.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	12.	11.3	69.4	133.2
MERLUCCIUS PRODUCTUS	6.	5.7	34.7	66.6
THERAGRA CHALCOGRAMMA	88.	83.0	508.7	976.8
TOTAL	106.	100.0	612.7	1176.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.0	5.8	11.1
MERLUCCIUS PRODUCTUS	25.	25.5	144.5	277.5
THERAGRA CHALCOGRAMMA	37.	37.8	213.9	410.7
AMMODYTES HEXAPTERUS	1.	1.0	5.8	11.1
SCORPAENIDAE(FAMILY)	33.	33.7	190.8	366.3
PLEURONECTIDAE(FAMILY)	1.	1.0	5.8	11.1
TOTAL	98.	100.0	566.5	1087.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PLEURONECTIDAE(FAMILY)	1.	100.0	5.8	11.1
TOTAL	1.	100.0	5.8	11.1

TABLE:	262	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	83	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	147 M3
POSITION:	48 54.3 N 123 0.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	147 M	TIME OF TOW:	1348 HR	ALIQUOT:	
		DEPTH OF TOW:	127 M	S.H.F.:	8.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	10.5	68.0	86.7
MERLUCCIUS PRODUCTUS	12.	12.6	81.6	104.0
THERAGRA CHALCOGRAMMA	64.	67.4	435.4	554.9
PLEURONECTIDAE(FAMILY)	9.	9.5	61.2	78.0
TOTAL	95.	100.0	646.3	823.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.8	6.8	8.7
CLUPEA HARENGUS	4.	3.3	27.2	34.7
LEUROGLOSSUS STILBIUS	1.	0.8	6.8	8.7
MERLUCCIUS PRODUCTUS	31.	25.8	210.9	268.8
THERAGRA CHALCOGRAMMA	55.	45.8	374.1	476.9
STICHAEIDAE(FAMILY)	2.	1.7	13.6	17.3
AMMODYTES HEXAPTERUS	2.	1.7	13.6	17.3
SCORPAENIDAE(FAMILY)	21.	17.5	142.9	182.1
COTTIDAE(FAMILY)	2.	1.7	13.6	17.3
CYCLOPTERIDAE(FAMILY)	1.	0.8	6.8	8.7
TOTAL	120.	100.0	816.3	1040.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
AMMODYTES HEXAPTERUS	3.	100.0	20.4	26.0
TOTAL	3.	100.0	20.4	26.0

TABLE:	263	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	84	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	125 M3
POSITION:	48 54.0 N 122 56.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM_DEPTH:	110 M	TIME OF TOW:	1416 HR	ALIQUOT:	
		DEPTH OF TOW:	96 M	S.H.F.:	7.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	64.	73.6	512.0	494.7
MERLUCCIUS PRODUCTUS	7.	8.0	56.0	54.1
THERAGRA CHALCOGRAMMA	16.	18.4	128.0	123.7
TOTAL	87.	100.0	696.0	672.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	15.	12.2	120.0	115.9
CLUPEA HARENGUS	47.	38.2	376.0	363.3
MERLUCCIUS PRODUCTUS	3.	2.4	24.0	23.2
THERAGRA CHALCOGRAMMA	20.	16.3	160.0	154.6
STICHAEIDAE(FAMILY)	3.	2.4	24.0	23.2
PHOLIDAE(FAMILY)	1.	0.8	8.0	7.7
SCORPAENIDAE(FAMILY)	2.	1.6	16.0	15.5
COTTIDAE(FAMILY)	2.	1.6	16.0	15.5
CYCLOPTERIDAE(FAMILY)	1.	0.8	8.0	7.7
PLEURONECTIDAE(FAMILY)	29.	23.6	232.0	224.2
TOTAL	123.	100.0	984.0	950.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
AGONIDAE(FAMILY)	1.	50.0	8.0	7.7
CYCLOPTERIDAE(FAMILY)	1.	50.0	8.0	7.7
TOTAL	2.	100.0	16.0	15.5

TABLE:	264	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	85	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	143 M3
POSITION:	48 52.3 N 122 55.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TCW:	1445 HR	ALIQUOT:	
		DEPTH OF TOW:	108 M	S.H.F.:	7.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	13.	13.1	90.9	98.7
MERLUCCIUS PRODUCTUS	14.	14.1	97.9	106.3
THERAGRA CHALCOGRAMMA	72.	72.7	503.5	546.5
TOTAL	99.	100.0	692.3	751.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	3.7	28.0	30.4
CLUPEA HARENGUS	4.	3.7	28.0	30.4
MERLUCCIUS PRODUCTUS	19.	17.6	132.9	144.2
THERAGRA CHALCOGRAMMA	46.	42.6	321.7	349.1
STICHAEIDAE(FAMILY)	5.	4.6	35.0	38.0
SCORPAENIDAE(FAMILY)	24.	22.2	167.8	182.2
CYCLOPTERIDAE(FAMILY)	5.	4.6	35.0	38.0
PLEURONECTIDAE(FAMILY)	1.	0.9	7.0	7.6
TOTAL	108.	100.0	755.2	819.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	25.0	7.0	7.6
LYCONECTES ALEUTENSIS	1.	25.0	7.0	7.6
COTTIDAE(FAMILY)	1.	25.0	7.0	7.6
AGONIDAE(FAMILY)	1.	25.0	7.0	7.6
TOTAL	4.	100.0	28.0	30.4

TABLE:	265	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	86	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	9.0 C	VOL. FILTERED:	194 M3
POSITION:	48 51.7 N 122 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	215 M	TIME OF TOW:	1507 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	9.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	17.	22.7	87.6	163.7
THERAGRA CHALCOGRAMMA	11.	14.7	56.7	105.9
	47.	62.7	242.3	452.6
TOTAL	75.	100.0	386.6	722.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.9	5.2	9.6
CLUPEA HARENGUS	3.	2.7	15.5	28.9
MERLUCCIUS PRODUCTUS	22.	20.0	113.4	211.9
THERAGRA CHALCOGRAMMA	52.	47.3	268.0	500.8
STICHAEIDAE(FAMILY)	4.	3.6	20.6	38.5
PHOLIDAE(FAMILY)	1.	0.9	5.2	9.6
SCORPAENIDAE(FAMILY)	23.	20.9	118.6	221.5
PLEURONECTIDAE(FAMILY)	4.	3.6	20.6	38.5
TOTAL	110.	100.0	567.0	1059.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
SCORPAENICHTHYS MARMORATUS	1.	50.0	5.2	9.6
AGONIDAE(FAMILY)	1.	50.0	5.2	9.6
TOTAL	2.	100.0	10.3	19.3

TABLE:	266	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	87	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	171 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1544 HR	ALIQUOT:	
		DEPTH OF TOW:	147 M	S.H.F.:	8.61

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	10.2	64.3	94.7
MERLUCCIUS PRODUCTUS	18.	16.7	105.3	155.0
THERAGRA CHALCOGRAMMA	79.	73.1	462.0	680.2
TOTAL	108.	100.0	631.6	929.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	9.3	52.6	77.5
CLUPEA HARENGUS	1.	1.0	5.8	8.6
LEUROGLOSSUS STILBIUS	4.	4.1	23.4	34.4
MERLUCCIUS PRODUCTUS	17.	17.5	99.4	146.4
THERAGRA CHALCOGRAMMA	39.	40.2	228.1	335.8
SCORPAENIDAE(FAMILY)	17.	17.5	99.4	146.4
COTTIDAE(FAMILY)	2.	2.1	11.7	17.2
CYCLOPTERIDAE(FAMILY)	2.	2.1	11.7	17.2
PLEURONECTIDAE(FAMILY)	6.	6.2	35.1	51.7
TOTAL	97.	100.0	567.3	835.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	100.0	5.8	8.6
TOTAL	1.	100.0	5.8	8.6

TABLE:	267	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	88	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	202 M3
POSITION:	48 50.0 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1607 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	8.46

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	25.	14.4	123.8	211.5
THERAGRA CHALCOGRAMMA	12.	6.9	59.4	101.5
	137.	78.7	678.2	1159.0
TOTAL	174.	100.0	861.4	1472.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	2.	1.2	9.9	16.9
LEUROGLOSSUS STILBIUS	4.	2.4	19.8	33.8
MERLUCCIUS PRODUCTUS	3.	1.8	14.9	25.4
THERAGRA CHALCOGRAMMA	24.	14.4	118.8	203.0
AMMODYTES HEXAPTERUS	89.	53.3	440.6	752.9
SCORPAENIDAE(FAMILY)	7.	4.2	34.7	59.2
COTTIDAE(FAMILY)	37.	22.2	183.2	313.0
	1.	0.6	5.0	8.5
TOTAL	167.	100.0	826.7	1412.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PHOLIDAE(FAMILY)	1.	50.0	5.0	8.5
COTTIDAE(FAMILY)	1.	50.0	5.0	8.5
TOTAL	2.	100.0	9.9	16.9

TABLE:	268	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	89	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	8.6 C	VOL. FILTERED:	187 M3
POSITION:	48 48.5 N 122 55.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1648 HR	ALIQUOT:	
		DEPTH OF TOW:	182 M	S.H.F.:	9.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	7.	5.7	37.4	68.3
THERAGRA CHALCOGRAMMA	15.	12.2	80.2	146.4
PLEURONECTIDAE(FAMILY)	92.	74.8	492.0	897.9
	9.	7.3	48.1	87.8
TOTAL	123.	100.0	657.8	1200.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	6.	3.7	32.1	58.6
LEUROGLOSSUS STILBIUS	2.	1.2	10.7	19.5
GADIDAE(FAMILY)	1.	0.6	5.3	9.8
MERLUCCIUS PRODUCTUS	2.	1.2	10.7	19.5
THERAGRA CHALCOGRAMMA	21.	12.9	112.3	205.0
STICHAEIDAE(FAMILY)	82.	50.3	438.5	800.3
PHOLIDAE(FAMILY)	1.	0.6	5.3	9.8
SCORPAENIDAE(FAMILY)	6.	3.7	32.1	58.6
COTTIDAE(FAMILY)	34.	20.9	181.8	331.8
CYCLOPTERIDAE(FAMILY)	3.	1.8	16.0	29.3
PLEURONECTIDAE(FAMILY)	1.	0.6	5.3	9.8
	4.	2.5	21.4	39.0
TOTAL	163.	100.0	871.7	1590.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	66.7	10.7	19.5
SCORPAENIDAE(FAMILY)	1.	33.3	5.3	9.8
TOTAL	3.	100.0	16.0	29.3

TABLE:	269	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	CBLIQUE
SAMPLE NO.:	90	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	245 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1721 HR	ALIQUOT:	
		DEPTH OF TOW:	188 M	S.H.F.:	7.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	9.	4.7	36.7	68.9
THERAGRA CHALCOGRAMMA	23.	11.9	93.9	176.2
	161.	83.4	657.1	1233.3
TOTAL	193.	100.0	787.8	1478.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
CLUPEA HARENGUS	4.	2.6	16.3	30.6
LEUROGLOSSUS STILBIUS	3.	2.0	12.2	23.0
MERLUCCIUS PRODUCTUS	9.	5.9	36.7	68.9
THERAGRA CHALCOGRAMMA	64.	42.1	261.2	490.2
STICHAEIDAE(FAMILY)	29.	19.1	118.4	222.1
PHOLIDAE(FAMILY)	1.	0.7	4.1	7.7
SCORPAENIDAE(FAMILY)	1.	0.7	4.1	7.7
CYCLOPTERIDAE(FAMILY)	37.	24.3	151.0	283.4
	4.	2.6	16.3	30.6
TOTAL	152.	100.0	620.4	1164.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	100.0	4.1	7.7
TOTAL	1.	100.0	4.1	7.7

TABLE:	270	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	282 M3
POSITION:	49 15.8 N 123 57.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	0955 HR	ALIQUOT:	
		DEPTH OF TOW:	307 M	S.H.F.:	10.89

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.4	14.2	43.6
LEUROGLOSSUS STILBIUS	29.	3.2	102.8	315.8
MERLUCCIUS PRODUCTUS	858.	93.9	3042.6	9343.6
THERAGRA CHALCOGRAMMA	23.	2.5	81.6	250.5
TOTAL	914.	100.0	3241.1	9953.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.9	3.5	10.9
CLUPEA HARENGUS	10.	8.7	35.5	108.9
LEUROGLOSSUS STILBIUS	15.	13.0	53.2	163.4
MERLUCCIUS PRODUCTUS	61.	53.0	216.3	664.3
THERAGRA CHALCOGRAMMA	18.	15.7	63.8	196.0
STICHAEIDAE(FAMILY)	1.	0.9	3.5	10.9
SCORPAENIDAE(FAMILY)	7.	6.1	24.8	76.2
CYCLOPTERIDAE(FAMILY)	1.	0.9	3.5	10.9
PLEURONECTIDAE(FAMILY)	1.	0.9	3.5	10.9
TOTAL	115.	100.0	407.8	1252.4

TABLE:	271	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	215 M3
POSITION:	49 16.1 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1112 HR	ALIQUOT:	
		DEPTH OF TOW:	204 M	S.H.F.:	9.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	4.7	9.5
LEUROGLOSSUS STILBIUS	36.	6.8	167.4	341.3
MERLUCCIUS PRODUCTUS	405.	76.4	1883.7	3839.4
THERAGRA CHALCOGRAMMA	88.	16.6	409.3	834.2
TOTAL	530.	100.0	2465.1	5024.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.4	18.6	37.9
CLUPEA HARENGUS	8.	0.8	37.2	75.8
LEUROGLOSSUS STILBIUS	66.	6.9	307.0	625.7
MERLUCCIUS PRODUCTUS	809.	85.0	3762.8	7669.3
THERAGRA CHALCOGRAMMA	45.	4.7	209.3	426.6
STICHAEIDAE(FAMILY)	5.	0.5	23.3	47.4
SCORPAENIDAE(FAMILY)	12.	1.3	55.8	113.8
COTTIDAE(FAMILY)	2.	0.2	9.3	19.0
NECTOLIPARIS PELAGICUS	1.	0.1	4.7	9.5
TOTAL	952.	100.0	4427.9	9025.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	4.7	9.5
THERAGRA CHALCOGRAMMA	1.	50.0	4.7	9.5
TOTAL	2.	100.0	9.3	19.0

TABLE:	272	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.5 C	VOL. FILTERED:	294 M3
POSITION:	49 18.6 N 123 58.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1151 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	10.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.4	10.7
LEUROGLOSSUS STILBIUS	10.	1.7	34.0	107.0
MERLUCCIUS PRODUCTUS	535.	92.4	1819.7	5724.5
THERAGRA CHALCOGRAMMA	32.	5.5	108.8	342.4
PLEURONECTIDAE(FAMILY)	1.	0.2	3.4	10.7
TOTAL	579.	100.0	1969.4	6195.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	1.7	13.6	42.8
CLUPEA HARENGUS	6.	2.5	20.4	64.2
LEUROGLOSSUS STILBIUS	25.	10.4	85.0	267.5
MERLUCCIUS PRODUCTUS	140.	58.1	476.2	1498.0
THERAGRA CHALCOGRAMMA	40.	16.6	136.1	428.0
STICHAEIDAE(FAMILY)	3.	1.2	10.2	32.1
SCORPAENIDAE(FAMILY)	21.	8.7	71.4	224.7
COTTIDAE(FAMILY)	1.	0.4	3.4	10.7
CYCLOPTERIDAE(FAMILY)	1.	0.4	3.4	10.7
TOTAL	241.	100.0	819.7	2578.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	83.3	17.0	53.5
THERAGRA CHALCOGRAMMA	1.	16.7	3.4	10.7
TOTAL	6.	100.0	20.4	64.2

TABLE: 273
CRUISE: SG 80- 9
SAMPLE NO.: 4
DATE: 28/ 4/80
VESSEL: CALIGUS
POSITION: 48 18.2 N 124 4.0 W
GRID POSITION: 79 . 36
BOTTOM DEPTH: 275 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 10 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1242 HR
DEPTH OF TOW: 238 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 238 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.96

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.2	10.0
LEUROGLOSSUS STILBIUS	20.	2.3	84.0	199.2
MERLUCCIUS PRODUCTUS	768.	87.7	3226.9	7649.3
THERAGRA CHALCOGRAMMA	87.	9.9	365.5	866.5
TOTAL	876.	100.0	3680.7	8725.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.1	12.6	29.9
CLUPEA HARENGUS	3.	1.1	12.6	29.9
LEUROGLOSSUS STILBIUS	18.	6.5	75.6	179.3
MERLUCCIUS PRODUCTUS	196.	70.8	823.5	1952.2
THERAGRA CHALCOGRAMMA	45.	16.2	189.1	448.2
STICHAEIDAE(FAMILY)	1.	0.4	4.2	10.0
SCORPAENIDAE(FAMILY)	10.	3.6	42.0	99.6
COTTIDAE(FAMILY)	1.	0.4	4.2	10.0
TOTAL	277.	100.0	1163.9	2758.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	50.0	4.2	10.0
THERAGRA CHALCOGRAMMA	1.	50.0	4.2	10.0
TOTAL	2.	100.0	8.4	19.9

TABLE:	274	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	376 M3
POSITION:	49 20.3 N 124 1.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1322 HR	ALIQUOT:	
		DEPTH OF TOW:	374 M	S.H.F.:	9.95

EGGS

PISCES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.4	5.3	19.9
MERLUCCIUS PRODUCTUS	27.	5.6	71.8	268.6
THERAGRA CHALCOGRAMMA	381.	78.4	1013.3	3790.9
	76.	15.6	202.1	756.2
TOTAL	486.	100.0	1292.6	4835.7

LARVAE

PISCES	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.1	2.7	9.9
LEUROGLOSSUS STILBIUS	5.	0.7	13.3	49.8
MERLUCCIUS PRODUCTUS	40.	5.2	106.4	398.0
THERAGRA CHALCOGRAMMA	655.	85.5	1742.0	6517.3
ZOARCIDAE(FAMILY)	49.	6.4	130.3	487.5
STICHAEIDAE(FAMILY)	1.	0.1	2.7	9.9
SCORPAENIDAE(FAMILY)	2.	0.3	5.3	19.9
COTTIDAE(FAMILY)	11.	1.4	29.3	109.4
	2.	0.3	5.3	19.9
TOTAL	766.	100.0	2037.2	7621.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	3.	50.0	8.0	29.9
LEUROGLOSSUS STILBIUS	1.	16.7	2.7	9.9
ZOARCIDAE(FAMILY)	2.	33.3	5.3	19.9
TOTAL	6.	100.0	16.0	59.7

TABLE:	275	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	293 M3
POSITION:	49 20.3 N 124 7.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	365 M	TIME OF TOW:	1422 HR	ALIQUOT:	
		DEPTH OF TOW:	321 M	S.H.F.:	10.95

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.7	17.1	54.8
LEUROGLOSSUS STILBIUS	26.	3.8	88.7	284.7
MERLUCCIUS PRODUCTUS	563.	81.8	1921.5	6164.9
THERAGRA CHALCOGRAMMA	94.	13.7	320.8	1029.3
TOTAL	688.	100.0	2348.1	7533.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.4	10.9
CLUPEA HARENGUS	3.	0.7	10.2	32.8
LEUROGLOSSUS STILBIUS	31.	7.7	105.8	339.4
MERLUCCIUS PRODUCTUS	330.	82.1	1126.3	3613.5
THERAGRA CHALCOGRAMMA	15.	3.7	51.2	164.3
STICHAEIDAE(FAMILY)	1.	0.2	3.4	10.9
SCORPAENIDAE(FAMILY)	10.	2.5	34.1	109.5
COTTIDAE(FAMILY)	11.	2.7	37.5	120.4
TOTAL	402.	100.0	1372.0	4401.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	50.0	13.7	43.8
THERAGRA CHALCOGRAMMA	4.	50.0	13.7	43.8
TOTAL	8.	100.0	27.3	87.6

TABLE:	276	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	314 M3
POSITION:	49 22.8 N 124 10.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1512 HR	ALIQUOT:	
		DEPTH OF TOW:	316 M	S.H.F.:	10.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	6.4	20.1
LEUROGLOSSUS STILBIUS	11.	1.7	35.0	110.8
MERLUCCIUS PRODUCTUS	565.	88.1	1799.4	5689.5
THERAGRA CHALCOGRAMMA	63.	9.8	200.6	634.4
TOTAL	641.	100.0	2041.4	6454.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	1.8	12.7	40.3
MERLUCCIUS PRODUCTUS	173.	76.9	551.0	1742.1
THERAGRA CHALCOGRAMMA	35.	15.6	111.5	352.4
SCORPAENIDAE(FAMILY)	13.	5.8	41.4	130.9
TOTAL	225.	100.0	716.6	2265.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	50.0	3.2	10.1
ZOARCIDAE(FAMILY)	1.	50.0	3.2	10.1
TOTAL	2.	100.0	6.4	20.1

TABLE:	277	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.7 C	VOL. FILTERED:	239 M3
POSITION:	49 22.8 N 124 4.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	255 M	TIME OF TOW:	1608 HR	ALIQUOT:	
		DEPTH OF TOW:	234 M	S.H.F.:	9.79

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	29.	3.5	121.3	283.9
MERLUCCIUS PRODUCTUS	737.	89.7	3083.7	7215.2
THERAGRA CHALCOGRAMMA	56.	6.8	234.3	548.2
TOTAL	822.	100.0	3439.3	8047.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	2.5	16.7	39.2
LEUROGLOSSUS STILBIUS	17.	10.4	71.1	166.4
MERLUCCIUS PRODUCTUS	88.	54.0	368.2	861.5
THERAGRA CHALCOGRAMMA	40.	24.5	167.4	391.6
SCORPAENIDAE(FAMILY)	13.	8.0	54.4	127.3
PLEURONECTIDAE(FAMILY)	1.	0.6	4.2	9.8
TOTAL	163.	100.0	682.0	1595.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	11.1	8.4	19.6
THERAGRA CHALCOGRAMMA	16.	88.9	66.9	156.6
TOTAL	18.	100.0	75.3	176.2

TABLE: 278
CRUISE: SG 80- 9
SAMPLE NO.: 9
DATE: 28/ 4/80
VESSEL: CALIGUS
POSITION: 49 24.7 N 124 1.0 W
GRID POSITION: 81 . 30
BOTTOM DEPTH: 405 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 5 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1652 HR
DEPTH OF TOW: 348 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 387 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.99

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	5.	0.4	12.9	45.0
MERLUCCIUS PRODUCTUS	36.	2.9	93.0	323.6
THERAGRA CHALCOGRAMMA	1068.	86.6	2759.7	9601.3
	124.	10.1	320.4	1114.8
TOTAL	1233.	100.0	3186.0	11084.7

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	11.	1.2	28.4	98.9
LEUROGLOSSUS STILBIUS	52.	5.5	134.4	467.5
MERLUCCIUS PRODUCTUS	803.	85.5	2074.9	7219.0
THERAGRA CHALCOGRAMMA	62.	6.6	160.2	557.4
STICHAEIDAE(FAMILY)	4.	0.4	10.3	36.0
SCORPAENIDAE(FAMILY)	4.	0.4	10.3	36.0
COTTIDAE(FAMILY)	3.	0.3	7.8	27.0
TOTAL	939.	100.0	2426.4	8441.6

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	25.0	5.2	18.0
LEUROGLOSSUS STILBIUS	3.	37.5	7.8	27.0
THERAGRA CHALCOGRAMMA	3.	37.5	7.8	27.0
TOTAL	8.	100.0	20.7	71.9

TABLE:	279
CRUISE:	SG 80- 9
SAMPLE NO.:	10
DATE:	28/ 4/80
VESSEL:	CALIGUS
POSITION:	49 25.6 N 124 5.6 W
GRID POSITION:	84 . 31
BOTTOM DEPTH:	330 M

WIND DIRECTION:	135 DEG
WIND VELOCITY:	5 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	1 M
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1744 HR
DEPTH OF TOW:	305 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	299 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.3	10.2
LEUROGLOSSUS STILBIUS	29.	1.7	97.0	295.5
MERLUCCIUS PRODUCTUS	1582.	93.1	5291.0	16120.6
THERAGRA CHALCOGRAMMA	87.	5.1	291.0	886.5
TOTAL	1699.	100.0	5682.3	17312.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.3	10.2
THALEICHTHYS PACIFICUS	28.	2.8	93.6	285.3
LEUROGLOSSUS STILBIUS	36.	3.6	120.4	366.8
MERLUCCIUS PRODUCTUS	800.	80.0	2675.6	8152.0
THERAGRA CHALCOGRAMMA	99.	9.9	331.1	1008.8
SCORPAENIDAE(FAMILY)	36.	3.6	120.4	366.8
TOTAL	1000.	100.0	3344.5	10190.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	10.0	6.7	20.4
LEUROGLOSSUS STILBIUS	9.	45.0	30.1	91.7
THERAGRA CHALCOGRAMMA	6.	30.0	20.1	61.1
AMMODYTES HEXAPTERUS	1.	5.0	3.3	10.2
LEUROGLOSSUS STILBIUS	2.	10.0	6.7	20.4
TOTAL	20.	100.0	66.9	203.8

TABLE:	280	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.1 C	VOL. FILTERED:	275 M3
POSITION:	49 27.2 N 124 3.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	295 M	TIME OF TOW:	1826 HR	ALIQUOT:	
		DEPTH OF TOW:	269 M	S.H.F.:	9.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.3	19.6
LEUROGLOSSUS STILBIUS	14.	0.4	50.9	137.2
MERLUCCIUS PRODUCTUS	3689.	99.0	13414.5	36152.2
THERAGRA CHALCOGRAMMA	21.	0.6	76.4	205.8
TOTAL	3726.	100.0	13549.1	36514.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	7.3	19.6
CLUPEA HARENGUS	22.	3.1	80.0	215.6
LEUROGLOSSUS STILBIUS	30.	4.2	109.1	294.0
MERLUCCIUS PRODUCTUS	556.	78.0	2021.8	5448.8
THERAGRA CHALCOGRAMMA	56.	7.9	203.6	548.8
STICHAEIDAE(FAMILY)	3.	0.4	10.9	29.4
SCORPAENIDAE(FAMILY)	44.	6.2	160.0	431.2
TOTAL	713.	100.0	2592.7	6987.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.9	3.6	9.8
CLUPEA HARENGUS	2.	11.8	7.3	19.6
LEUROGLOSSUS STILBIUS	5.	29.4	18.2	49.0
THERAGRA CHALCOGRAMMA	8.	47.1	29.1	78.4
ZOARCIDAE(FAMILY)	1.	5.9	3.6	9.8
TOTAL	17.	100.0	61.8	166.6

TABLE:	281	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	12 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	49 27.2 N 123 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	0755 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	8.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	2.6	17.9	32.2
LEUROGLOSSUS STILBIUS	3.	1.9	13.5	24.2
MERLUCCIUS PRODUCTUS	120.	77.9	538.1	967.2
THERAGRA CHALCOGRAMMA	27.	17.5	121.1	217.6
TOTAL	154.	100.0	690.6	1241.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	4.5	8.1
CLUPEA HARENGUS	19.	7.7	85.2	153.1
LEUROGLOSSUS STILBIUS	31.	12.6	139.0	249.9
MERLUCCIUS PRODUCTUS	64.	25.9	287.0	515.8
THERAGRA CHALCOGRAMMA	91.	36.8	408.1	733.5
STICHAEIDAE(FAMILY)	5.	2.0	22.4	40.3
SCORPAENIDAE(FAMILY)	28.	11.3	125.6	225.7
COTTIDAE(FAMILY)	2.	0.8	9.0	16.1
PLEURONECTIDAE(FAMILY)	6.	2.4	26.9	48.4
TOTAL	247.	100.0	1107.6	1990.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	5.3	4.5	8.1
LEUROGLOSSUS STILBIUS	12.	63.2	53.8	96.7
THERAGRA CHALCOGRAMMA	5.	26.3	22.4	40.3
PLEURONECTIDAE(FAMILY)	1.	5.3	4.5	8.1
TOTAL	19.	100.0	85.2	153.1

TABLE:	282	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	12 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	230 M3
POSITION:	49 27.2 N 123 52.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	0837 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	6.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	5.4	8.7	14.0
MERLUCCIUS PRODUCTUS	28.	75.7	121.7	195.7
THERAGRA CHALCOGRAMMA	7.	18.9	30.4	48.9
TOTAL	37.	100.0	160.9	258.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	55.	16.0	239.1	384.4
LEUROGLOSSUS STILBIUS	67.	19.5	291.3	468.3
MERLUCCIUS PRODUCTUS	56.	16.3	243.5	391.4
THERAGRA CHALCOGRAMMA	130.	37.9	565.2	908.7
STICHAEIDAE(FAMILY)	1.	0.3	4.3	7.0
PHOLIDAE(FAMILY)	2.	0.6	8.7	14.0
SCORPAENIDAE(FAMILY)	29.	8.5	126.1	202.7
PLEURONECTIDAE(FAMILY)	3.	0.9	13.0	21.0
TOTAL	343.	100.0	1491.3	2397.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	14.	32.6	60.9	97.9
LEUROGLOSSUS STILBIUS	25.	58.1	108.7	174.8
THERAGRA CHALCOGRAMMA	2.	4.7	8.7	14.0
PLEURONECTIDAE(FAMILY)	2.	4.7	8.7	14.0
TOTAL	43.	100.0	187.0	300.6

TABLE: 283
CRUISE: SG 80- 9
SAMPLE NO.: 14
DATE: 29/ 4/80
VESSEL: CALIGUS
POSITION: 49 24.4 N 123 52.1 W
GRID POSITION: 76 . 27
BOTTOM DEPTH: 185 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 10 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0914 HR
DEPTH OF TOW: 169 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 179 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	5.6	9.4
LEUROGLOSSUS STILBIUS	6.	2.1	33.5	56.6
MERLUCCIUS PRODUCTUS	237.	83.5	1324.0	2234.9
THERAGRA CHALCOGRAMMA	40.	14.1	223.5	377.2
TOTAL	284.	100.0	1586.6	2678.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.6	9.4
CLUPEA HARENGUS	9.	2.4	50.3	84.9
LEUROGLOSSUS STILBIUS	25.	6.5	139.7	235.8
MERLUCCIUS PRODUCTUS	99.	25.9	553.1	933.6
THERAGRA CHALCOGRAMMA	224.	58.6	1251.4	2112.3
STICHAEIDAE(FAMILY)	1.	0.3	5.6	9.4
SCORPAENIDAE(FAMILY)	14.	3.7	78.2	132.0
PLEURONECTIDAE(FAMILY)	9.	2.4	50.3	84.9
TOTAL	382.	100.0	2134.1	3602.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	30.0	16.8	28.3
LEUROGLOSSUS STILBIUS	3.	30.0	16.8	28.3
THERAGRA CHALCOGRAMMA	4.	40.0	22.3	37.7
TOTAL	10.	100.0	55.9	94.3

TABLE:	284	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	342 M3
POSITION:	49 24.4 N 123 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1002 HR	ALIQUOT:	
		DEPTH OF TOW:	306 M	S.H.F.:	8.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	2.9	9.0
LEUROGLOSSUS STILBIUS	41.	1.0	119.9	368.2
MERLUCCIUS PRODUCTUS	4006.	96.1	11713.5	35973.9
THERAGRA CHALCOGRAMMA	122.	2.9	356.7	1095.6
TOTAL	4170.	100.0	12193.0	37446.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	2.9	9.0
CLUPEA HARENGUS	23.	4.7	67.3	206.5
LEUROGLOSSUS STILBIUS	32.	6.5	93.6	287.4
MERLUCCIUS PRODUCTUS	307.	62.5	897.7	2756.9
THERAGRA CHALCOGRAMMA	96.	19.6	280.7	862.1
SCORPAENIDAE(FAMILY)	29.	5.9	84.8	260.4
COTTIDAE(FAMILY)	1.	0.2	2.9	9.0
PLEURONECTIDAE(FAMILY)	2.	0.4	5.8	18.0
TOTAL	491.	100.0	1435.7	4409.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	9.	50.0	26.3	80.8
LEUROGLOSSUS STILBIUS	1.	5.6	2.9	9.0
THERAGRA CHALCOGRAMMA	6.	33.3	17.5	53.9
SCORPAENIDAE(FAMILY)	1.	5.6	2.9	9.0
ZOARCIDAE(FAMILY)	1.	5.6	2.9	9.0
TOTAL	18.	100.0	52.6	161.6

TABLE: 285	CRUISE: SG 80- 9	SAMPLE NO.: 16	DATE: 29/ 4/80	VESSEL: CALIGUS	POSITION: 49 21.4 N 123 58.9 W

TABLE: 285
CRUISE: SG 80- 9
SAMPLE NO.: 16
DATE: 29/ 4/80
VESSEL: CALIGUS
POSITION: 49 21.4 N 123 58.9 W
GRID POSITION: 78 . 32
BOTTOM DEPTH: 265 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 10 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1057 HR
DEPTH OF TOW: 240 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 271 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	7.4	17.7
LEUROGLOSSUS STILBIUS	58.	7.3	214.0	512.7
MERLUCCIUS PRODUCTUS	661.	82.8	2439.1	5843.2
THERAGRA CHALCOGRAMMA	77.	9.6	284.1	680.7
TOTAL	798.	100.0	2944.6	7054.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.5	11.1	26.5
CLUPEA HARENGUS	5.	0.9	18.5	44.2
LEUROGLOSSUS STILBIUS	58.	10.5	214.0	512.7
MERLUCCIUS PRODUCTUS	433.	78.2	1597.8	3827.7
THERAGRA CHALCOGRAMMA	45.	8.1	166.1	397.8
STICHAEIDAE(FAMILY)	1.	0.2	3.7	8.8
SCORPAENIDAE(FAMILY)	5.	0.9	18.5	44.2
COTTIDAE(FAMILY)	4.	0.7	14.8	35.4
TOTAL	554.	100.0	2044.3	4897.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	40.0	7.4	17.7
LEUROGLOSSUS STILBIUS	2.	40.0	7.4	17.7
SCORPAENIDAE(FAMILY)	1.	20.0	3.7	8.8
TOTAL	5.	100.0	18.5	44.2

TABLE: 286
CRUISE: SG 80- 9
SAMPLE NO.: 17
DATE: 29/ 4/80
VESSEL: CALIGUS
POSITION: 49 21.9 N 123 54.7 W
GRID POSITION: 76 . 30
BOTTOM DEPTH: 420 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 10 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP: 11.0 C
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1137 HR
DEPTH OF TOW: 381 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 432 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.82

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.2	13.9	52.9
LEUROGLOSSUS STILBIUS	50.	2.0	115.7	441.0
MERLUCCIUS PRODUCTUS	2196.	87.8	5083.3	19368.7
THERAGRA CHALCOGRAMMA	250.	10.0	578.7	2205.0
TOTAL	2502.	100.0	5791.7	22067.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	4.6	17.6
CLUPEA HARENGUS	11.	1.2	25.5	97.0
LEUROGLOSSUS STILBIUS	43.	4.6	99.5	379.3
MERLUCCIUS PRODUCTUS	814.	87.1	1884.3	7179.5
THERAGRA CHALCOGRAMMA	43.	4.6	99.5	379.3
STICHAEIDAE(FAMILY)	2.	0.2	4.6	17.6
PHOLIDAE(FAMILY)	1.	0.1	2.3	8.8
SCORPAENIDAE(FAMILY)	15.	1.6	34.7	132.3
COTTIDAE(FAMILY)	4.	0.4	9.3	35.3
TOTAL	935.	100.0	2164.4	8246.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	44.4	9.3	35.3
LEUROGLOSSUS STILBIUS	2.	22.2	4.6	17.6
STICHAEIDAE(FAMILY)	1.	11.1	2.3	8.8
LEUROGLOSSUS STILBIUS	1.	11.1	2.3	8.8
ZOARCIDAE(FAMILY)	1.	11.1	2.3	8.8
TOTAL	9.	100.0	20.8	79.4

TABLE:	287	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY: 7 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT: 1 M	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 263 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	74 . 28	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	255 M	TIME OF TOW: 1232 HR	ALIQUOT:
		DEPTH OF TOW: 216 M	S.H.F.: 8.21

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.0	7.6	16.4
LEUROGLOSSUS STILBIUS	34.	0.8	129.3	279.1
MERLUCCIUS PRODUCTUS	4294.	95.7	16327.0	35253.7
THERAGRA CHALCOGRAMMA	155.	3.5	589.4	1272.6
TOTAL	4485.	100.0	17053.2	36821.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	10.	2.5	38.0	82.1
LEUROGLOSSUS STILBIUS	18.	4.4	68.4	147.8
MERLUCCIUS PRODUCTUS	294.	72.4	1117.9	2413.7
THERAGRA CHALCOGRAMMA	65.	16.0	247.1	533.7
STICHAEIDAE(FAMILY)	5.	1.2	19.0	41.0
SCORPAENIDAE(FAMILY)	13.	3.2	49.4	106.7
COTTIDAE(FAMILY)	1.	0.2	3.8	8.2
TOTAL	406.	100.0	1543.7	3333.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	62.5	19.0	41.0
THERAGRA CHALCOGRAMMA	2.	25.0	7.6	16.4
LEUROGLOSSUS STILBIUS	1.	12.5	3.8	8.2
TOTAL	8.	100.0	30.4	65.7

TABLE:	288	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	363 M3
POSITION:	49 19.7 N 123 49.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	1317 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	9.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	2.	0.1	5.5	19.6
MERLUCCIUS PRODUCTUS	59.	1.6	162.5	577.0
THERAGRA CHALCOGRAMMA	3429.	95.6	9446.3	33535.6
	98.	2.7	270.0	958.4
TOTAL	3588.	100.0	9884.3	35090.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	8.3	29.3
CLUPEA HARENGUS	9.	1.7	24.8	88.0
LEUROGLOSSUS STILBIUS	37.	6.8	101.9	361.9
MERLUCCIUS PRODUCTUS	406.	74.9	1118.5	3970.7
THERAGRA CHALCOGRAMMA	71.	13.1	195.6	694.4
SCORPAENIDAE(FAMILY)	16.	3.0	44.1	156.5
TOTAL	542.	100.0	1493.1	5300.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	8.3	2.8	9.8
THERAGRA CHALCOGRAMMA	8.	66.7	22.0	78.2
LEUROGLOSSUS STILBIUS	2.	16.7	5.5	19.6
ZOARCIDAE(FAMILY)	1.	8.3	2.8	9.8
TOTAL	12.	100.0	33.1	117.4

TABLE:	289
CRUISE:	SG 80- 9
SAMPLE NO.:	20
DATE:	29/ 4/80
VESSEL:	CALIGUS
POSITION:	49 18.3 N 123 54.7 W
GRID POSITION:	74 . 33
BOTTOM DEPTH:	405 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	7 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	1 M
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1407 HR
DEPTH OF TOW:	355 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	349 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.19

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	2.9	10.2
LEUROGLOSSUS STILBIUS	35.	4.8	100.3	356.6
MERLUCCIUS PRODUCTUS	636.	86.6	1822.3	6480.8
THERAGRA CHALCOGRAMMA	62.	8.4	177.7	631.8
TOTAL	734.	100.0	2103.2	7479.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	15.	2.3	43.0	152.8
LEUROGLOSSUS STILBIUS	37.	5.7	106.0	377.0
MERLUCCIUS PRODUCTUS	521.	80.4	1492.8	5309.0
THERAGRA CHALCOGRAMMA	52.	8.0	149.0	529.9
SCORPAENIDAE(FAMILY)	20.	3.1	57.3	203.8
PLEURONECTIDAE(FAMILY)	3.	0.5	8.6	30.6
TOTAL	648.	100.0	1856.7	6603.1

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	16.7	2.9	10.2
LEUROGLOSSUS STILBIUS	3.	50.0	8.6	30.6
MYCTOPHIDAE(FAMILY)	1.	16.7	2.9	10.2
NECTOLIPARIS PELAGICUS	1.	16.7	2.9	10.2
TOTAL	6.	100.0	17.2	61.1

TABLE:	290
CRUISE:	SG 80- 9
SAMPLE NO.:	21
DATE:	29/ 4/80
VESSEL:	CALIGUS
POSITION:	49 16.6 N 123 50.9 W
GRID POSITION:	71 . 33
BOTTOM DEPTH:	405 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	5 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	1 M
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1455 HR
DEPTH OF TOW:	348 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	372 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.35

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.1	2.7	9.4
MERLUCCIUS PRODUCTUS	38.	2.0	102.2	355.3
THERAGRA CHALCOGRAMMA	1766.	92.6	4747.3	16512.1
	102.	5.3	274.2	953.7
TOTAL	1907.	100.0	5126.3	17830.5

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.2	2.7	9.4
MERLUCCIUS PRODUCTUS	31.	6.7	83.3	289.9
THERAGRA CHALCOGRAMMA	357.	76.9	959.7	3338.0
SCORPAENIDAE(FAMILY)	61.	13.1	164.0	570.4
COTTIDAE(FAMILY)	12.	2.6	32.3	112.2
	2.	0.4	5.4	18.7
TOTAL	464.	100.0	1247.3	4338.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	50.0	8.1	28.1
THERAGRA CHALCOGRAMMA	2.	33.3	5.4	18.7
LEUROGLOSSUS STILBIUS	1.	16.7	2.7	9.4
TOTAL	6.	100.0	16.1	56.1

TABLE:	291	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.0 C	VOL. FILTERED:	394 M3
POSITION:	49 16.3 N 123 47.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	1537 HR	ALIQUOT:	
		DEPTH OF TOW:	359 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	2.5	9.1
LEUROGLOSSUS STILBIUS	37.	0.8	93.9	337.1
MERLUCCIUS PRODUCTUS	4292.	97.1	10893.4	39100.1
THERAGRA CHALCOGRAMMA	88.	2.0	223.4	801.7
TOTAL	4418.	100.0	11213.2	40248.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.7	10.2	36.4
CLUPEA HARENGUS	11.	2.0	27.9	100.2
LEUROGLOSSUS STILBIUS	35.	6.2	88.8	318.8
MERLUCCIUS PRODUCTUS	373.	66.5	946.7	3398.0
THERAGRA CHALCOGRAMMA	94.	16.8	238.6	856.3
STICHAEIDAE(FAMILY)	1.	0.2	2.5	9.1
SCORPAENIDAE(FAMILY)	42.	7.5	106.6	382.6
PLEURONECTIDAE(FAMILY)	1.	0.2	2.5	9.1
TOTAL	561.	100.0	1423.9	5110.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	10.0	5.1	18.2
LEUROGLOSSUS STILBIUS	15.	75.0	38.1	136.6
THERAGRA CHALCOGRAMMA	1.	5.0	2.5	9.1
LEUROGLOSSUS STILBIUS	2.	10.0	5.1	18.2
TOTAL	20.	100.0	50.8	182.2

TABLE:	292	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	212 M3
POSITION:	49 13.3 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1630 HR	ALIQUOT:	
		DEPTH OF TOW:	212 M	S.H.F.:	10.01

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	1.5	33.0	70.1
LEUROGLOSSUS STILBIUS	17.	3.8	80.2	170.2
MERLUCCIUS PRODUCTUS	403.	89.0	1900.9	4034.0
THERAGRA CHALCOGRAMMA	26.	5.7	122.6	260.3
TOTAL	453.	100.0	2136.8	4534.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	4.7	10.0
CLUPEA HARENGUS	8.	3.4	37.7	80.1
LEUROGLOSSUS STILBIUS	14.	5.9	66.0	140.1
MERLUCCIUS PRODUCTUS	138.	58.5	650.9	1381.4
THERAGRA CHALCOGRAMMA	41.	17.4	193.4	410.4
STICHAEIDAE(FAMILY)	1.	0.4	4.7	10.0
SCORPAENIDAE(FAMILY)	32.	13.6	150.9	320.3
COTTIDAE(FAMILY)	1.	0.4	4.7	10.0
TOTAL	236.	100.0	1113.2	2362.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	14.2	30.0
TOTAL	3.	100.0	14.2	30.0

TABLE:	293	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	205 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	189 M	S.H.F.:	9.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	9.8	18.4
LEUROGLOSSUS STILBIUS	9.	2.0	43.9	82.7
MERLUCCIUS PRODUCTUS	429.	95.3	2092.7	3942.5
THERAGRA CHALCOGRAMMA	10.	2.2	48.8	91.9
TOTAL	450.	100.0	2195.1	4135.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.5	9.8	18.4
CLUPEA HARENGUS	3.	2.3	14.6	27.6
LEUROGLOSSUS STILBIUS	14.	10.8	68.3	128.7
MERLUCCIUS PRODUCTUS	72.	55.4	351.2	661.7
THERAGRA CHALCOGRAMMA	6.	4.6	29.3	55.1
SCORPAENIDAE(FAMILY)	31.	23.8	151.2	284.9
PLEURONECTIDAE(FAMILY)	2.	1.5	9.8	18.4
TOTAL	130.	100.0	634.1	1194 7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	4.9	9.2
PLEURONECTIDAE(FAMILY)	1.	50.0	4.9	9.2
TOTAL	2.	100.0	9.8	18.4

TABLE:	294	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	325 M3
POSITION:	49 13.8 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	0941 HR	ALIQUOT:	
		DEPTH OF TOW:	349 M	S.H.F.:	10.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	48.	1.5	147.7	515.0
MERLUCCIUS PRODUCTUS	2980.	94.8	9169.2	31975.4
THERAGRA CHALCOGRAMMA	114.	3.6	350.8	1223.2
TOTAL	3142.	100.0	9667.7	33713.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.1	10.7
THALEICHTHYS PACIFICUS	1.	0.2	3.1	10.7
LEUROGLOSSUS STILBIUS	44.	8.8	135.4	472.1
MERLUCCIUS PRODUCTUS	397.	79.7	1221.5	4259.8
THERAGRA CHALCOGRAMMA	42.	8.4	129.2	450.7
SCORPAENIDAE(FAMILY)	13.	2.6	40.0	139 5
TOTAL	498.	100.0	1532.3	5343.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	6.2	21.5
THERAGRA CHALCOGRAMMA	1.	25.0	3.1	10.7
LEUROGLOSSUS STILBIUS	1.	25.0	3.1	10.7
TOTAL	4.	100.0	12.3	42.9

TABLE:	295	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	188 M3
POSITION:	49 11.4 N 123 44.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1026 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	9.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	10.6	18.2
LEUROGLOSSUS STILBIUS	4.	0.8	21.3	36.4
MERLUCCIUS PRODUCTUS	439.	92.0	2335.1	3994.9
THERAGRA CHALCOGRAMMA	32.	6.7	170.2	291.2
TOTAL	477.	100.0	2537.2	4340.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	5.3	9.1
CLUPEA HARENGUS	8.	4.5	42.6	72.8
LEUROGLOSSUS STILBIUS	16.	9.1	85.1	145.6
MERLUCCIUS PRODUCTUS	98.	55.7	521.3	891.8
THERAGRA CHALCOGRAMMA	29.	16.5	154.3	263.9
STICHAEIDAE(FAMILY)	4.	2.3	21.3	36.4
SCORPAENIDAE(FAMILY)	15.	8.5	79.8	136.5
COTTIDAE(FAMILY)	4.	2.3	21.3	36.4
PLEURONECTIDAE(FAMILY)	1.	0.6	5.3	9.1
TOTAL	176.	100.0	936.2	1601.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	50.0	5.3	9.1
LEUROGLOSSUS STILBIUS	1.	50.0	5.3	9.1
TOTAL	2.	100.0	10.6	18.2

TABLE:	296	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	341 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	1051 HR	ALIQUOT:	
		DEPTH OF TOW:	331 M	S.H.F.:	9.71

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.1	8.8	29.1
LEUROGLOSSUS STILBIUS	41.	1.2	120.2	398.1
MERLUCCIUS PRODUCTUS	3456.	97.2	10134.9	33557.8
THERAGRA CHALCOGRAMMA	54.	1.5	158.4	524.3
TOTAL	3554.	100.0	10422.3	34509.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	3.4	14.7	48.5
CLUPEA HARENGUS	8.	5.5	23.5	77.7
LEUROGLOSSUS STILBIUS	32.	22.1	93.8	310.7
THERAGRA CHALCOGRAMMA	73.	50.3	214.1	708.8
SCORPAENIDAE(FAMILY)	27.	18.6	79.2	262.2
TOTAL	145.	100.0	425.2	1408.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	57.1	11.7	38.8
LEUROGLOSSUS STILBIUS	3.	42.9	8.8	29.1
TOTAL	7.	100.0	20.5	68.0

TABLE:	297	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY: 5 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 331 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	62 . 31	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	375 M	TIME OF TOW: 1137 HR	ALIQUOT:
		DEPTH OF TOW: 322 M	S.H.F.: 9.73

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.0	3.0	9.7
LEUROGLOSSUS STILBIUS	38.	1.1	114.8	369.7
MERLUCCIUS PRODUCTUS	3447.	96.6	10413.9	33539.3
THERAGRA CHALCOGRAMMA	83.	2.3	250.8	807.6
TOTAL	3569.	100.0	10782.5	34726.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.1	3.0	9.7
LEUROGLOSSUS STILBIUS	44.	6.6	132.9	428.1
MERLUCCIUS PRODUCTUS	563.	84.0	1700.9	5478.0
THERAGRA CHALCOGRAMMA	49.	7.3	148.0	476.8
SCORPAENIDAE(FAMILY)	13.	1.9	39.3	126.5
TOTAL	670.	100.0	2024.2	6519.1

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	71.4	30.2	97.3
THERAGRA CHALCOGRAMMA	4.	28.6	12.1	38.9
TOTAL	14.	100.0	42.3	136.2

TABLE:	298	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	14.0 C	VOL. FILTERED:	307 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1226 HR	ALIQUOT:	
		DEPTH OF TOW:	294 M	S.H.F.:	9.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	13.0	38.4
LEUROGLOSSUS STILBIUS	44.	1.0	143.3	422.0
MERLLCCIUS PRODUCTUS	4231.	97.3	13781.8	40575.3
THERAGRA CHALCOGRAMMA	68.	1.6	221.5	652.1
TOTAL	4347.	100.0	14159.6	41687.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.3	9.6
CLUPEA HARENGUS	7.	1.1	22.8	67.1
LEUROGLOSSUS STILBIUS	78.	12.7	254.1	748.0
MERLUCCIUS PRODUCTUS	442.	72.0	1439.7	4238.8
THERAGRA CHALCOGRAMMA	70.	11.4	228.0	671.3
SCORPAENIDAE(FAMILY)	13.	2.1	42.3	124.7
NECTOLIPARIS PELAGICUS	1.	0.2	3.3	9.6
PLEURONECTIDAE(FAMILY)	2.	0.3	6.5	19.2
TOTAL	614.	100.0	2000.0	5888.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	18.2	6.5	19.2
LEUROGLOSSUS STILBIUS	2.	18.2	6.5	19.2
THERAGRA CHALCOGRAMMA	7.	63.6	22.8	67.1
TOTAL	11.	100.0	35.8	105.5

TABLE:	299	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	295 M	TIME OF TOW:	1302 HR	ALIQUOT:	
		DEPTH OF TOW:	261 M	S.H.F.:	11.00

EGGS

PISCES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.0	4.2	11.0
MERLUCCIUS PRODUCTUS	19.	0.8	80.2	209.0
THERAGRA CHALCOGRAMMA	2229.	97.3	9405.1	24519.0
	41.	1.8	173.0	451.0
TOTAL	2290.	100.0	9662.4	25190.0

LARVAE

PISCES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	12.6	50.6	132.0
LEUROGLOSSUS STILBIUS	6.	6.3	25.3	66.0
MERLUCCIUS PRODUCTUS	9.	9.5	38.0	99.0
THERAGRA CHALCOGRAMMA	55.	57.9	232.1	605.0
SCORPAENIDAE(FAMILY)	9.	9.5	38.0	99.0
	4.	4.2	16.9	44.0
TOTAL	95.	100.0	400.8	1045.0

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	33.3	4.2	11.0
LEUROGLOSSUS STILBIUS	2.	66.7	8.4	22.0
TOTAL	3.	100.0	12.7	33.0

TABLE:	300	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	287 M3
POSITION:	49 18.8 N 123 45.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1346 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	9.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.1	10.5	28.9
LEUROGLOSSUS STILBIUS	38.	1.4	132.4	366.3
MERLUCCIUS PRODUCTUS	2669.	95.9	9299.7	25729.2
THERAGRA CHALCOGRAMMA	72.	2.6	250.9	694.1
PLEURONECTIDAE(FAMILY)	1.	0.0	3.5	9.6
TOTAL	2783.	100.0	9696.9	26828.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.5	7.0	19.3
CLUPEA HARENGUS	10.	2.3	34.8	96.4
LEUROGLOSSUS STILBIUS	31.	7.0	108.0	298.8
MERLUCCIUS PRODUCTUS	310.	69.8	1080.1	2988.4
THERAGRA CHALCOGRAMMA	78.	17.6	271.8	751.9
SCORPAENIDAE(FAMILY)	12.	2.7	41.8	115.7
COTTIDAE(FAMILY)	1.	0.2	3.5	9.6
TOTAL	444.	100.0	1547.0	4280.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	45.5	17.4	48.2
LEUROGLOSSUS STILBIUS	2.	18.2	7.0	19.3
THERAGRA CHALCOGRAMMA	3.	27.3	10.5	28.9
LEUROGLOSSUS STILBIUS	1.	9.1	3.5	9.6
TOTAL	11.	100.0	38.3	106.0

TABLE:	301	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	181 M3
POSITION:	49 19.4 N 123 40.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	67 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1426 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	9.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	5.5	9.6
LEUROGLOSSUS STILBIUS	6.	4.0	33.1	57.6
MERLUCCIUS PRODUCTUS	116.	77.9	640.9	1113.6
THERAGRA CHALCOGRAMMA	26.	17.4	143.6	249.6
TOTAL	149.	100.0	823.2	1430.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	5.5	9.6
CLUPEA HARENGUS	5.	3.4	27.6	48.0
LEUROGLOSSUS STILBIUS	14.	9.7	77.3	134.4
MERLUCCIUS PRODUCTUS	78.	53.8	430.9	748.8
THERAGRA CHALCOGRAMMA	37.	25.5	204.4	355.2
STICHAEIDAE(FAMILY)	1.	0.7	5.5	9.6
SCORPAENIDAE(FAMILY)	9.	6.2	49.7	86.4
TOTAL	145.	100.0	801.1	1392.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	40.0	11.0	19.2
LEUROGLOSSUS STILBIUS	2.	40.0	11.0	19.2
SCORPAENIDAE(FAMILY)	1.	20.0	5.5	9.6
TOTAL	5.	100.0	27.6	48.0

TABLE:	302	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	184 M3
POSITION:	49 21.3 N 123 42.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1502 HR	ALIQUOT:	
		DEPTH OF TOW:	177 M	S.H.F.:	9.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	5.4	9.6
LEUROGLOSSUS STILBIUS	6.	3.7	32.6	57.7
MERLUCCIUS PRODUCTUS	126.	77.3	684.8	1212.1
THERAGRA CHALCOGRAMMA	30.	18.4	163.0	288.6
TOTAL	163.	100.0	885.9	1568.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	6.8	32.6	57.7
MERLUCCIUS PRODUCTUS	52.	59.1	282.6	500.2
THERAGRA CHALCOGRAMMA	22.	25.0	119.6	211.6
SCORPAENIDAE(FAMILY)	6.	6.8	32.6	57.7
COTTIDAE(FAMILY)	2.	2.3	10.9	19.2
TOTAL	88.	100.0	478.3	846.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	75.0	16.3	28.9
THERAGRA CHALCOGRAMMA	1.	25.0	5.4	9.6
TOTAL	4.	100.0	21.7	38.5

TABLE:	303	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	132 M3
POSITION:	49 21.9 N 123 46.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1542 HR	ALIQUOT:	
		DEPTH OF TOW:	117 M	S.H.F.:	8.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.0	7.6	8.8
MERLUCCIUS PRODUCTUS	15.	75.0	113.6	132.4
THERAGRA CHALCOGRAMMA	4.	20.0	30.3	35.3
TOTAL	20.	100.0	151.5	176.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.9	15.2	17.7
CLUPEA HARENGUS	13.	12.1	98.5	114.8
LEUROGLOSSUS STILBIUS	11.	10.3	83.3	97.1
MERLUCCIUS PRODUCTUS	31.	29.0	234.8	273.7
THERAGRA CHALCOGRAMMA	32.	29.9	242.4	282.6
SCORPAENIDAE(FAMILY)	17.	15.9	128.8	150.1
PLEURONECTIDAE(FAMILY)	1.	0.9	7.6	8.8
TOTAL	107.	100.0	810.6	944.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	83.3	37.9	44.2
COTTIDAE(FAMILY)	1.	16.7	7.6	8.8
TOTAL	6.	100.0	45.5	53.0

TABLE:	304	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.7 C	VOL. FILTERED:	167 M3
POSITION:	49 25.2 N 123 45.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	73 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1621 HR	ALIQUOT:	
		DEPTH OF TOW:	156 M	S.H.F.:	9.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	10.0	18.0	28.1
LEUROGLOSSUS STILBIUS	1.	3.3	6.0	9.4
MERLUCCIUS PRODUCTUS	26.	86.7	155.7	243.1
TOTAL	30.	100.0	179.6	280.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	19.	5.3	113.8	177.7
LEUROGLOSSUS STILBIUS	30.	8.4	179.6	280.5
MERLUCCIUS PRODUCTUS	31.	8.7	185.6	289.9
THERAGRA CHALCOGRAMMA	251.	70.5	1503.0	2346.9
STICHAEIDAE(FAMILY)	1.	0.3	6.0	9.4
SCORPAENIDAE(FAMILY)	22.	6.2	131.7	205.7
CYCLOPTERIDAE(FAMILY)	1.	0.3	6.0	9.4
PLEURONECTIDAE(FAMILY)	1.	0.3	6.0	9.4
TOTAL	356.	100.0	2131.7	3328.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.4	6.0	9.4
CLUPEA HARENGUS	10.	14.5	59.9	93.5
LEUROGLOSSUS STILBIUS	8.	11.6	47.9	74.8
THERAGRA CHALCOGRAMMA	50.	72.5	299.4	467.5
TOTAL	69.	100.0	413.2	645.2

TABLE:	305	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	172 M3
POSITION:	49 23.2 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1716 HR	ALIQUOT:	
		DEPTH OF TOW:	156 M	S.H.F.:	9.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	25.7	52.3	81.5
MERLUCCIUS PRODUCTUS	26.	74.3	151.2	235.6
TOTAL	35.	100.0	203.5	317.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.9	11.6	18.1
CLUPEA HARENGUS	16.	7.4	93.0	145.0
LEUROGLOSSUS STILBIUS	3.	1.4	17.4	27.2
MERLUCCIUS PRODUCTUS	75.	34.7	436.0	679.5
THERAGRA CHALCOGRAMMA	97.	44.9	564.0	878.8
SCORPAENIDAE(FAMILY)	23.	10.6	133.7	208.4
TOTAL	216.	100.0	1255.8	1957.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	12.	57.1	69.8	108.7
LEUROGLOSSUS STILBIUS	5.	23.8	29.1	45.3
THERAGRA CHALCOGRAMMA	3.	14.3	17.4	27.2
SCORPAENIDAE(FAMILY)	1.	4.8	5.8	9.1
TOTAL	21.	100.0	122.1	190.3

TABLE:	306	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	10 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	37	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	49 22.1 N 123 33.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	155 M	TIME OF TOW:	1757 HR	ALIQUOT:	
		DEPTH OF TOW:	136 M	S.H.F.:	9.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	16.7	7.0	9.5
MERLUCCIUS PRODUCTUS	4.	66.7	28.2	38.1
THERAGRA CHALCOGRAMMA	1.	16.7	7.0	9.5
TOTAL	6.	100.0	42.3	57.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	2.5	35.2	47.6
LEUROGLOSSUS STILBIUS	24.	11.8	169.0	228.7
MERLUCCIUS PRODUCTUS	55.	27.0	387.3	524.1
THERAGRA CHALCOGRAMMA	105.	51.5	739.4	1000.6
SCORPAENIDAE(FAMILY)	13.	6.4	91.5	123.9
PLEURONECTIDAE(FAMILY)	2.	1.0	14.1	19.1
TOTAL	204.	100.0	1436.6	1944.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	14.3	21.1	28.6
LEUROGLOSSUS STILBIUS	14.	66.7	98.6	133.4
THERAGRA CHALCOGRAMMA	4.	19.0	28.2	38.1
TOTAL	21.	100.0	147.9	200.1

TABLE: 307
CRUISE: SG 80- 9
SAMPLE NO.: 38
DATE: 1/ 5/80
VESSEL: CALIGUS
POSITION: 49 20.7 N 123 30.1 W
GRID POSITION: 62 . 22
BOTTOM DEPTH: 200 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0909 HR
DEPTH OF TOW: 184 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 177 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	6.8	33.9	62.5
LEUROGLOSSUS STILBIUS	2.	2.3	11.3	20.8
MERLUCCIUS PRODUCTUS	78.	88.6	440.7	812.8
THERAGRA CHALCOGRAMMA	2.	2.3	11.3	20.8
TOTAL	88.	100.0	497.2	917.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	11.4	135.6	250.1
MERLUCCIUS PRODUCTUS	120.	57.1	678.0	1250.4
THERAGRA CHALCOGRAMMA	55.	26.2	310.7	573.1
STICHAEIDAE(FAMILY)	4.	1.9	22.6	41.7
SCORPAENIDAE(FAMILY)	7.	3.3	39.5	72.9
TOTAL	210.	100.0	1186.4	2188.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	23.1	16.9	31.3
LEUROGLOSSUS STILBIUS	8.	61.5	45.2	83.4
THERAGRA CHALCOGRAMMA	2.	15.4	11.3	20.8
TOTAL	13.	100.0	73.4	135.5

TABLE: 308
CRUISE: SG 80- 9
SAMPLE NO.: 39
DATE: 1/ 5/80
VESSEL: CALIGUS
POSITION: 49 19.5 N 123 25.9 W
GRID POSITION: 59 . 21
BOTTOM DEPTH: 220 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0943 HR
DEPTH OF TOW: 201 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 193 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.45

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	37.	15.4	191.7	386.6
LEUROGLOSSUS STILBIUS	6.	2.5	31.1	62.7
MERLUCCIUS PRODUCTUS	196.	81.7	1015.5	2048.2
THERAGRA CHALCOGRAMMA	1.	0.4	5.2	10.4
TOTAL	240.	100.0	1243.5	2508.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.9	10.4	20.9
LEUROGLOSSUS STILBIUS	20.	8.8	103.6	209.0
MERLUCCIUS PRODUCTUS	165.	72.7	854.9	1724.3
THERAGRA CHALCOGRAMMA	34.	15.0	176.2	355.3
STICHAEIDAE(FAMILY)	1.	0.4	5.2	10.4
SCORPAENIDAE(FAMILY)	5.	2.2	25.9	52.3
TOTAL	227.	100.0	1176.2	2372.1

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	16.7	5.2	10.4
LEUROGLOSSUS STILBIUS	4.	66.7	20.7	41.8
THERAGRA CHALCOGRAMMA	1.	16.7	5.2	10.4
TOTAL	6.	100.0	31.1	62.7

TABLE:	309	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	215 M3
POSITION:	49 19.0 N 123 20.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 20	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1030 HR	ALIQUOT:	
		DEPTH OF TOW:	189 M	S.H.F.:	8.77

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	105.	55.0	488.4	920.9
LEUROGLOSSUS STILBIUS	4.	2.1	18.6	35.1
MERLUCCIUS PRODUCTUS	73.	38.2	339.5	640.2
THERAGRA CHALCOGRAMMA	9.	4.7	41.9	78.9
TOTAL	191.	100.0	888.4	1675.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.9	9.3	17.5
CLUPEA HARENGUS	6.	2.7	27.9	52.6
LEUROGLOSSUS STILBIUS	28.	12.6	130.2	245.6
MERLUCCIUS PRODUCTUS	112.	50.2	520.9	982.2
THERAGRA CHALCOGRAMMA	59.	26.5	274.4	517.4
STICHAEIDAE(FAMILY)	2.	0.9	9.3	17.5
SCORPAENIDAE(FAMILY)	12.	5.4	55.8	105.2
COTTIDAE(FAMILY)	2.	0.9	9.3	17.5
TOTAL	223.	100.0	1037.2	1955.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	54.5	27.9	52.6
LEUROGLOSSUS STILBIUS	4.	36.4	18.6	35.1
NECTOLIPARIS PELAGICUS	1.	9.1	4.7	8.8
TOTAL	11.	100.0	51.2	96.5

TABLE:	310	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	197 M3
POSITION:	49 14.9 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1119 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	8.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.5	5.1	8.7
LEUROGLOSSUS STILBIUS	8.	4.2	40.6	69.6
MERLUCCIUS PRODUCTUS	136.	71.2	690.4	1183.2
THERAGRA CHALCOGRAMMA	46.	24.1	233.5	400.2
TOTAL	191.	100.0	969.5	1661.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	18.	10.2	91.4	156.6
LEUROGLOSSUS STILBIUS	23.	13.1	116.8	200.1
MERLUCCIUS PRODUCTUS	64.	36.4	324.9	556.8
THERAGRA CHALCOGRAMMA	54.	30.7	274.1	469.8
STICHAEIDAE(FAMILY)	3.	1.7	15.2	26.1
SCORPAENIDAE(FAMILY)	14.	8.0	71.1	121.8
TOTAL	176.	100.0	893.4	1531.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	13.	39.4	66.0	113.1
LEUROGLOSSUS STILBIUS	8.	24.2	40.6	69.6
THERAGRA CHALCOGRAMMA	11.	33.3	55.8	95.7
PHOLIDAE(FAMILY)	1.	3.0	5.1	8.7
TOTAL	33.	100.0	167.5	287.1

TABLE:	311	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.3 C	VOL. FILTERED:	259 M3
POSITION:	49 16.5 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	255 M	TIME OF TOW:	1156 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	8.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	29.	3.9	112.0	252.3
MERLUCCIUS PRODUCTUS	642.	85.3	2478.8	5585.4
THERAGRA CHALCOGRAMMA	82.	10.9	316.6	713.4
TOTAL	753.	100.0	2907.3	6551.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	2.7	34.7	78.3
LEUROGLOSSUS STILBIUS	18.	5.3	69.5	156.6
MERLUCCIUS PRODUCTUS	203.	60.1	783.8	1766.1
THERAGRA CHALCOGRAMMA	96.	28.4	370.7	835.2
SCORPAENIDAE(FAMILY)	12.	3.6	46.3	104.4
TOTAL	338.	100.0	1305.0	2940.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	14.	73.7	54.1	121.8
LEUROGLOSSUS STILBIUS	2.	10.5	7.7	17.4
THERAGRA CHALCOGRAMMA	1.	5.3	3.9	8.7
STICHAEIDAE(FAMILY)	1.	5.3	3.9	8.7
CYCLOPTERIDAE(FAMILY)	1.	5.3	3.9	8.7
TOTAL	19.	100.0	73.4	165.3

TABLE:	312	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	43	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	177 M3
POSITION:	49 17.4 N 123 28.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	143 M	S.H.F.:	8.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.2	5.6	8.1
LEUROGLOSSUS STILBIUS	2.	4.3	11.3	16.2
MERLUCCIUS PRODUCTUS	31.	67.4	175.1	250.8
THERAGRA CHALCOGRAMMA	11.	23.9	62.1	89.0
PLEURONECTIDAE(FAMILY)	1.	2.2	5.6	8.1
TOTAL	46.	100.0	259.9	372.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.8	11.3	16.2
LEUROGLOSSUS STILBIUS	23.	9.0	129.9	186.1
MERLUCCIUS PRODUCTUS	77.	30.1	435.0	622.9
THERAGRA CHALCOGRAMMA	133.	52.0	751.4	1076.0
SCORPAENIDAE(FAMILY)	19.	7.4	107.3	153.7
COTTIDAE(FAMILY)	1.	0.4	5.6	8.1
PLEURONECTIDAE(FAMILY)	1.	0.4	5.6	8.1
TOTAL	256.	100.0	1446.3	2071.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	25.	80.6	141.2	202.3
LEUROGLOSSUS STILBIUS	3.	9.7	16.9	24.3
THERAGRA CHALCOGRAMMA	3.	9.7	16.9	24.3
TOTAL	31.	100.0	175.1	250.8

TABLE:	313	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	49 17.7 N 123 31.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	61 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1307 HR	ALIQUOT:	
		DEPTH OF TOW:	159 M	S.H.F.:	8.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	3.7	5.3	8.4
MERLUCCIUS PRODUCTUS	21.	77.8	110.5	175.4
THERAGRA CHALCOGRAMMA	5.	18.5	26.3	41.8
TOTAL	27.	100.0	142.1	225.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	10.5	16.7
CLUPEA HARENGUS	16.	8.4	84.2	133.6
LEUROGLOSSUS STILBIUS	16.	8.4	84.2	133.6
MERLUCCIUS PRODUCTUS	74.	38.9	389.5	617.9
MICROGADUS PROXIMUS	2.	1.1	10.5	16.7
THERAGRA CHALCOGRAMMA	70.	36.8	368.4	584.5
SCORPAENIDAE(FAMILY)	8.	4.2	42.1	66.8
COTTIDAE(FAMILY)	2.	1.1	10.5	16.7
TOTAL	190.	100.0	1000.0	1586.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.0	5.3	8.4
CLUPEA HARENGUS	23.	69.7	121.1	192.1
LEUROGLOSSUS STILBIUS	4.	12.1	21.1	33.4
THERAGRA CHALCOGRAMMA	5.	15.2	26.3	41.8
TOTAL	33.	100.0	173.7	275.6

TABLE:	314	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	13.3 C	VOL. FILTERED:	173 M3
POSITION:	49 19.4 N 123 35.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	1345 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	8.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	8.6	17.3	26.9
MERLUCCIUS PRODUCTUS	24.	68.6	138.7	215.0
THERAGRA CHALCOGRAMMA	8.	22.9	46.2	71.7
TOTAL	35.	100.0	202.3	313.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.0	11.6	17.9
CLUPEA HARENGUS	6.	3.0	34.7	53.8
LEUROGLOSSUS STILBIUS	66.	33.2	381.5	591.4
MERLUCCIUS PRODUCTUS	55.	27.6	317.9	492.8
THERAGRA CHALCOGRAMMA	59.	29.6	341.0	528.6
SCORPAENIDAE(FAMILY)	7.	3.5	40.5	62.7
COTTIDAE(FAMILY)	3.	1.5	17.3	26.9
CYCLOPTERIDAE(FAMILY)	1.	0.5	5.8	9.0
TOTAL	199.	100.0	1150.3	1783.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	13.3	11.6	17.9
CLUPEA HARENGUS	8.	53.3	46.2	71.7
LEUROGLOSSUS STILBIUS	4.	26.7	23.1	35.8
THERAGRA CHALCOGRAMMA	1.	6.7	5.8	9.0
TOTAL	15.	100.0	86.7	134.4

TABLE: 315	WIND DIRECTION:		TOW SPEED: 1 MPS
CRUISE: SG 80- 9	WIND VELOCITY:		TYPE OF TOW: OBLIQUE
SAMPLE NO.: 46	WAVE HEIGHT:		GEAR TYPE: BONGO .25 M2
DATE: 1/ 5/80	SWELL HEIGHT:		MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:		VOL. FILTERED: 316 M3
POSITION: 49 16.6 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:
GRID POSITION: 62 . 27	BT/XBT NUMBER:		PLANKTON CONC.:
BOTTOM DEPTH: 340 M	TIME OF TOW: 1422 HR		ALIQUOT:
	DEPTH OF TOW: 307 M		S.H.F.: 9.75

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.2	9.5	29.3
LEUROGLOSSUS STILBIUS	26.	1.5	82.3	253.5
MERLUCCIUS PRODUCTUS	1712.	96.6	5417.7	16692.0
THERAGRA CHALCOGRAMMA	31.	1.7	98.1	302.3
TOTAL	1772.	100.0	5607.6	17277.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.6	6.3	19.5
LEUROGLOSSUS STILBIUS	26.	8.3	82.3	253.5
MERLUCCIUS PRODUCTUS	245.	78.5	775.3	2388.8
THERAGRA CHALCOGRAMMA	31.	9.9	98.1	302.3
STICHAEIDAE(FAMILY)	4.	1.3	12.7	39.0
PHYTICHTHYS CHIRUS	1.	0.3	3.2	9.8
COTTIDAE(FAMILY)	1.	0.3	3.2	9.8
SCORPAENICHTHYS MARMORATUS	1.	0.3	3.2	9.8
PLEURONECTIDAE(FAMILY)	1.	0.3	3.2	9.8
TOTAL	312.	100.0	987.3	3042.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	50.0	12.7	39.0
LEUROGLOSSUS STILBIUS	2.	25.0	6.3	19.5
THERAGRA CHALCOGRAMMA	1.	12.5	3.2	9.8
ZOARCIDAE(FAMILY)	1.	12.5	3.2	9.8
TOTAL	8.	100.0	25.3	78.0

TABLE:	316	WIND DIRECTION:	
CRUISE:	SG 80- 9	WIND VELOCITY:	
SAMPLE NO.:	47	WAVE HEIGHT:	
DATE:	1/ 5/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	49 14.9 N 123 30.6 W	STD NUMBER:	
GRID POSITION:	59 . 27	BT/XBT NUMBER:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1503 HR
		DEPTH OF TOW:	294 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	308 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.55

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	0.9	45.5	133.7
LEUROGLOSSUS STILBIUS	34.	2.2	110.4	324.7
MERLUCCIUS PRODUCTUS	1406.	92.7	4564.9	13427.3
THERAGRA CHALCOGRAMMA	63.	4.2	204.5	601.7
TOTAL	1517.	100.0	4925.3	14487.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	3.2	9.6
CLUPEA HARENGUS	12.	3.0	39.0	114.6
LEUROGLOSSUS STILBIUS	45.	11.4	146.1	429.8
MERLUCCIUS PRODUCTUS	183.	46.3	594.2	1747.7
THERAGRA CHALCOGRAMMA	124.	31.4	402.6	1184.2
STICHAEIDAE(FAMILY)	4.	1.0	13.0	38.2
SCORPAENIDAE(FAMILY)	24.	6.1	77.9	229.2
COTTIDAE(FAMILY)	2.	0.5	6.5	19.1
TOTAL	395.	100.0	1282.5	3772.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	14.	48.3	45.5	133.7
LEUROGLOSSUS STILBIUS	9.	31.0	29.2	86.0
THERAGRA CHALCOGRAMMA	3.	10.3	9.7	28.7
STICHAEIDAE(FAMILY)	2.	6.9	6.5	19.1
SCORPAENIDAE(FAMILY)	1.	3.4	3.2	9.6
TOTAL	29.	100.0	94.2	277.0

TABLE:	317	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	48	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	13.4 C	VOL. FILTERED:	293 M3
POSITION:	49 11.6 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1554 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	9.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	13.7	37.8
LEUROGLOSSUS STILBIUS	31.	2.2	105.8	292.6
MERLUCCIUS PRODUCTUS	1352.	96.6	4614.3	12762.9
THERAGRA CHALCOGRAMMA	13.	0.9	44.4	122.7
TOTAL	1400.	100.0	4778.2	13216.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	3.0	20.5	56.6
LEUROGLOSSUS STILBIUS	14.	7.0	47.8	132.2
MERLUCCIUS PRODUCTUS	125.	62.2	426.6	1180.0
THERAGRA CHALCOGRAMMA	37.	18.4	126.3	349.3
SCORPAENIDAE(FAMILY)	19.	9.5	64.8	179.4
TOTAL	201.	100.0	686.0	1897.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	41.7	17.1	47.2
LEUROGLOSSUS STILBIUS	5.	41.7	17.1	47.2
THERAGRA CHALCOGRAMMA	2.	16.7	6.8	18.9
TOTAL	12.	100.0	41.0	113.3

TABLE: 318		WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80- 9		WIND VELOCITY: 5 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 49		WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 1/ 5/80		SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS		SURFACE TEMP:	VOL. FILTERED: 340 M3
POSITION: 49 11.6 N 123 34.0 W		STD NUMBER:	DISP. VOLUME:
GRID POSITION: 59 . 31		BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 350 M		TIME OF TOW: 1645 HR	ALIQUOT:
		DEPTH OF TOW: 316 M	S.H.F.: 9.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.2	8.8	27.9
LEUROGLOSSUS STILBIUS	18.	1.4	52.9	167.2
MERLUCCIUS PRODUCTUS	1216.	97.8	3576.5	11296.6
THERAGRA CHALCOGRAMMA	6.	0.5	17.6	55.7
TOTAL	1243.	100.0	3655.9	11547.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.6	5.9	18.6
LEUROGLOSSUS STILBIUS	20.	5.8	58.8	185.8
MERLUCCIUS PRODUCTUS	248.	71.9	729.4	2303.9
THERAGRA CHALCOGRAMMA	37.	10.7	108.8	343.7
SCORPAENIDAE(FAMILY)	38.	11.0	111.8	353.0
TOTAL	345.	100.0	1014.7	3205.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	40.0	5.9	18.6
LEUROGLOSSUS STILBIUS	3.	60.0	8.8	27.9
TOTAL	5.	100.0	14.7	46.5

TABLE:	319	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	50	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	1/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	177 M3
POSITION:	49 10.0 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1736 HR	ALIQUOT:	
		DEPTH OF TOW:	143 M	S.H.F.:	8.07

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	11.3	16.1
LEUROGLOSSUS STILBIUS	3.	1.0	16.9	24.2
MERLUCCIUS PRODUCTUS	289.	95.1	1632.8	2332.2
THERAGRA CHALCOGRAMMA	10.	3.3	56.5	80.7
TOTAL	304.	100.0	1717.5	2453.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	2.1	16.9	24.2
LEUROGLOSSUS STILBIUS	52.	36.9	293.8	419.6
MERLUCCIUS PRODUCTUS	52.	36.9	293.8	419.6
THERAGRA CHALCOGRAMMA	8.	5.7	45.2	64.6
SCORPAENIDAE(FAMILY)	26.	18.4	146.9	209.8
TOTAL	141.	100.0	796.6	1137.9

TABLE:	320		
CRUISE:	SG 80- 9		
SAMPLE NO.:	51	WIND DIRECTION:	315 DEG
DATE:	2/ 5/80	WIND VELOCITY:	15 MPS
VESSEL:	CALIGUS	WAVE HEIGHT:	
POSITION:	49 7.7 N 123 36.2 W	SWELL HEIGHT:	1 M
GRID POSITION:	58 . 35	SURFACE TEMP:	
BOTTOM DEPTH:	210 M	STD NUMBER:	
		BT/XBT NUMBER:	
		TIME OF TOW:	0728 HR
		DEPTH OF TOW:	173 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	187 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.28

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	10.7	18.6
LEUROGLOSSUS STILBIUS	11.	1.8	58.8	102.1
MERLUCCIUS PRODUCTUS	596.	97.1	3187.2	5530.9
THERAGRA CHALCOGRAMMA	5.	0.8	26.7	46.4
TOTAL	614.	100.0	3283.4	5697.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.5	5.3	9.3
LEUROGLOSSUS STILBIUS	19.	9.6	101.6	176.3
MERLUCCIUS PRODUCTUS	125.	63.5	668.4	1160.0
THERAGRA CHALCOGRAMMA	22.	11.2	117.6	204.2
SCORPAENIDAE(FAMILY)	30.	15.2	160.4	278.4
TOTAL	197.	100.0	1053.5	1828.2

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	5.3	9.3
TOTAL	1.	100.0	5.3	9.3

TABLE:	321	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	52	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	300 M3
POSITION:	49 8.5 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	55 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1128 HR	ALIQUOT:	
		DEPTH OF TOW:	279 M	S.H.F.:	9.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	5.	0.7	16.7	46.5
MERLUCCIUS PRODUCTUS	47.	6.6	156.7	436.6
THERAGRA CHALCOGRAMMA	643.	90.6	2143.3	5973.5
	15.	2.1	50.0	139.4
TOTAL	710.	100.0	2366.7	6595.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.3	9.3
CLUPEA HARENGUS	2.	0.4	6.7	18.6
LEUROGLOSSUS STILBIUS	36.	6.7	120.0	334.4
MERLUCCIUS PRODUCTUS	438.	81.0	1460.0	4069.0
THERAGRA CHALCOGRAMMA	36.	6.7	120.0	334.4
SCORPAENIDAE(FAMILY)	26.	4.8	86.7	241.5
PLEURONECTIDAE(FAMILY)	2.	0.4	6.7	18.6
TOTAL	541.	100.0	1803.3	5025.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	40.0	6.7	18.6
LEUROGLOSSUS STILBIUS	1.	20.0	3.3	9.3
THERAGRA CHALCOGRAMMA	2.	40.0	6.7	18.6
TOTAL	5.	100.0	16.7	46.5

TABLE:	322	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	53	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	253 M3
POSITION:	49 9.9 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	245 M	TIME OF TOW:	1215 HR	ALIQUOT:	
		DEPTH OF TOW:	217 M	S.H.F.:	8.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	15.8	34.2
LEUROGLOSSUS STILBIUS	45.	3.5	177.9	385.2
MERLUCCIUS PRODUCTUS	1171.	92.0	4628.5	10023.8
THERAGRA CHALCOGRAMMA	53.	4.2	209.5	453.7
TOTAL	1273.	100.0	5031.6	10896.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.8	11.9	25.7
CLUPEA HARENGUS	3.	0.8	11.9	25.7
LEUROGLOSSUS STILBIUS	38.	10.2	150.2	325.3
MERLUCCIUS PRODUCTUS	279.	74.6	1102.8	2388.2
THERAGRA CHALCOGRAMMA	26.	7.0	102.8	222.6
STICHAEIDAE(FAMILY)	1.	0.3	4.0	8.6
SCORPAENIDAE(FAMILY)	17.	4.5	67.2	145.5
COTTIDAE(FAMILY)	6.	1.6	23.7	51.4
PLEURONECTIDAE(FAMILY)	1.	0.3	4.0	8.6
TOTAL	374.	100.0	1478.3	3201.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	7.	46.7	27.7	59.9
LEUROGLOSSUS STILBIUS	6.	40.0	23.7	51.4
THERAGRA CHALCOGRAMMA	1.	6.7	4.0	8.6
SCORPAENICHTHYS MARMORATUS	1.	6.7	4.0	8.6
TOTAL	15.	100.0	59.3	128.4

TABLE: 323
CRUISE: SG 80- 9
SAMPLE NO.: 54
DATE: 5/ 5/80
VESSEL: CALIGUS
POSITION: 49 12.9 N 123 23.4 W
GRID POSITION: 54 . 26
BOTTOM DEPTH: 285 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 5 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1311 HR
DEPTH OF TOW: 261 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 263 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.8	9.9
LEUROGLOSSUS STILBIUS	38.	3.6	144.5	375.8
MERLUCCIUS PRODUCTUS	970.	92.1	3688.2	9593.3
THERAGRA CHALCOGRAMMA	44.	4.2	167.3	435.2
TOTAL	1053.	100.0	4003.8	10414.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	31.	5.8	117.9	306.6
MERLUCCIUS PRODUCTUS	355.	66.9	1349.8	3511.0
THERAGRA CHALCOGRAMMA	125.	23.5	475.3	1236.3
AMMODYTES HEXAPTERUS	1.	0.2	3.8	9.9
GOBIIDAE(FAMILY)	1.	0.2	3.8	9.9
SCORPAENIDAE(FAMILY)	18.	3.4	68.4	178.0
TOTAL	531.	100.0	2019.0	5251.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.3	3.8	9.9
CLUPEA HARENGUS	11.	36.7	41.8	108.8
LEUROGLOSSUS STILBIUS	7.	23.3	26.6	69.2
THERAGRA CHALCOGRAMMA	9.	30.0	34.2	89.0
SCORPAENIDAE(FAMILY)	1.	3.3	3.8	9.9
SCORPAENICHTHYS MARMORATUS	1.	3.3	3.8	9.9
TOTAL	30.	100.0	114.1	296.7

TABLE:	324	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	55	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	49 11.3 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1342 HR	ALIQUOT:	
		DEPTH OF TOW:	141 M	S.H.F.:	8.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	8.3	18.9	26.5
MERLUCCIUS PRODUCTUS	28.	77.8	176.1	247.5
THERAGRA CHALCOGRAMMA	5.	13.9	31.4	44.2
TOTAL	36.	100.0	226.4	318.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.2	6.3	8.8
LEUROGLOSSUS STILBIUS	21.	24.7	132.1	185.6
MERLUCCIUS PRODUCTUS	36.	42.4	226.4	318.2
THERAGRA CHALCOGRAMMA	18.	21.2	113.2	159.1
SCORPAENIDAE(FAMILY)	9.	10.6	56.6	79.6
TOTAL	85.	100.0	534.6	751.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	7.	46.7	44.0	61.9
LEUROGLOSSUS STILBIUS	4.	26.7	25.2	35.4
THERAGRA CHALCOGRAMMA	3.	20.0	18.9	26.5
SCORPAENIDAE(FAMILY)	1.	6.7	6.3	8.8
TOTAL	15.	100.0	94.3	132.6

TABLE:	325	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	56	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	282 M3
POSITION:	49 6.3 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	255 M	TIME OF TOW:	1442 HR	ALIQUOT:	
		DEPTH OF TOW:	218 M	S.H.F.:	7.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	1.7	49.6	108.4
MERLUCCIUS PRODUCTUS	796.	95.3	2822.7	6161.0
THERAGRA CHALCOGRAMMA	25.	3.0	88.7	193.5
TOTAL	835.	100.0	2961.0	6462.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	10.2	78.0	170.3
MERLUCCIUS PRODUCTUS	125.	57.9	443.3	967.5
THERAGRA CHALCOGRAMMA	53.	24.5	187.9	410.2
SCORPAENIDAE(FAMILY)	16.	7.4	56.7	123.8
TOTAL	216.	100.0	766.0	1671.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	9.1	7.1	15.5
LEUROGLOSSUS STILBIUS	13.	59.1	46.1	100.6
THERAGRA CHALCOGRAMMA	5.	22.7	17.7	38.7
CYCLOPTERIDAE(FAMILY)	1.	4.5	3.5	7.7
LEUROGLOSSUS STILBIUS	1.	4.5	3.5	7.7
TOTAL	22.	100.0	78.0	170.3

TABLE:	326	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	57	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.2 C	VOL. FILTERED:	306 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1522 HR	ALIQUOT:	
		DEPTH OF TOW:	270 M	S.H.F.:	8.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	2.8	49.0	132.6
MERLUCCIUS PRODUCTUS	525.	97.0	1715.7	4641.0
THERAGRA CHALCOGRAMMA	1.	0.2	3.3	8.8
TOTAL	541.	100.0	1768.0	4782.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.3	8.8
LEUROGLOSSUS STILBIUS	59.	9.7	192.8	521.6
MERLUCCIUS PRODUCTUS	489.	80.6	1598.0	4322.8
THERAGRA CHALCOGRAMMA	27.	4.4	88.2	238.7
GOBIIDAE(FAMILY)	1.	0.2	3.3	8.8
SCORPAENIDAE(FAMILY)	29.	4.8	94.8	256.4
COTTIDAE(FAMILY)	1.	0.2	3.3	8.8
TOTAL	607.	100.0	1983.7	5365.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	33.3	6.5	17.7
THERAGRA CHALCOGRAMMA	3.	50.0	9.8	26.5
NECTOLIPARIS PELAGICUS	1.	16.7	3.3	8.8
TOTAL	6.	100.0	19.6	53.0

TABLE:	327	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	58	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	258 M3
POSITION:	49 1.9 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1612 HR	ALIQUOT:	
		DEPTH OF TOW:	230 M	S.H.F.:	8.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.1	11.6	26.8
LEUROGLOSSUS STILBIUS	11.	4.2	42.6	98.3
MERLUCCIUS PRODUCTUS	246.	94.3	953.5	2199.2
THERAGRA CHALCOGRAMMA	1.	0.4	3.9	8.9
TOTAL	261.	100.0	1011.6	2333.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	3.9	8.9
LEUROGLOSSUS STILBIUS	33.	14.3	127.9	295.0
MERLUCCIUS PRODUCTUS	148.	64.1	573.6	1323.1
THERAGRA CHALCOGRAMMA	20.	8.7	77.5	178.8
STICHAEIDAE(FAMILY)	2.	0.9	7.8	17.9
GOBIIDAE(FAMILY)	1.	0.4	3.9	8.9
SCORPAENIDAE(FAMILY)	24.	10.4	93.0	214.6
COTTIDAE(FAMILY)	1.	0.4	3.9	8.9
NECTOLIPARIS PELAGICUS	1.	0.4	3.9	8.9
TOTAL	231.	100.0	895.3	2065.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	40.0	7.8	17.9
THERAGRA CHALCOGRAMMA	3.	60.0	11.6	26.8
TOTAL	5.	100.0	19.4	44.7

TABLE:	328	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	59	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	332 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1705 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	8.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	3.0	8.5
LEUROGLOSSUS STILBIUS	33.	2.2	99.4	281.5
MERLUCCIUS PRODUCTUS	1257.	84.7	3786.1	10722.2
THERAGRA CHALCOGRAMMA	193.	13.0	581.3	1646.3
TOTAL	1484.	100.0	4469.9	12658.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	92.	16.2	277.1	784.8
MERLUCCIUS PRODUCTUS	417.	73.5	1256.0	3557.0
THERAGRA CHALCOGRAMMA	30.	5.3	90.4	255.9
STICHAEIDAE(FAMILY)	1.	0.2	3.0	8.5
SCORPAENIDAE(FAMILY)	26.	4.6	78.3	221.8
COTTIDAE(FAMILY)	1.	0.2	3.0	8.5
TOTAL	567.	100.0	1707.8	4836.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	12.5	6.0	17.1
LEUROGLOSSUS STILBIUS	12.	75.0	36.1	102.4
THERAGRA CHALCOGRAMMA	1.	6.3	3.0	8.5
LEUROGLOSSUS STILBIUS	1.	6.3	3.0	8.5
TOTAL	16.	100.0	48.2	136.5

TABLE:	329	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	60	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	234 M3
POSITION:	49 3.8 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1801 HR	ALIQUOT:	
		DEPTH OF TOW:	181 M	S.H.F.:	7.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.3	7.7
LEUROGLOSSUS STILBIUS	17.	2.5	72.6	131.4
MERLUCCIUS PRODUCTUS	437.	64.3	1867.5	3378.0
THERAGRA CHALCOGRAMMA	225.	33.1	961.5	1739.3
TOTAL	680.	100.0	2906.0	5256.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	4.3	7.7
LEUROGLOSSUS STILBIUS	11.	7.5	47.0	85.0
GADIDAE(FAMILY)	1.	0.7	4.3	7.7
MERLUCCIUS PRODUCTUS	93.	63.3	397.4	718.9
MICROGADUS PROXIMUS	1.	0.7	4.3	7.7
THERAGRA CHALCOGRAMMA	33.	22.4	141.0	255.1
STICHAEIDAE(FAMILY)	1.	0.7	4.3	7.7
SCORPAENIDAE(FAMILY)	6.	4.1	25.6	46.4
TOTAL	147.	100.0	628.2	1136.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
OSMERIDAE(FAMILY)	1.	11.1	4.3	7.7
LEUROGLOSSUS STILBIUS	7.	77.8	29.9	54.1
STICHAEIDAE(FAMILY)	1.	11.1	4.3	7.7
TOTAL	9.	100.0	38.5	69.6

TABLE:	330	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	61	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	173 M3
POSITION:	49 2.7 N 123 19.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	0800 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	8.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	74.	89.2	427.7	663.0
THERAGRA CHALCOGRAMMA	9.	10.8	52.0	80.6
TOTAL	83.	100.0	479.8	743.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	5.8	9.0
LEUROGLOSSUS STILBIUS	10.	3.7	57.8	89.6
MERLUCCIUS PRODUCTUS	169.	63.3	976.9	1514.2
THERAGRA CHALCOGRAMMA	61.	22.8	352.6	546.6
SCORPAENIDAE(FAMILY)	21.	7.9	121.4	188.2
CYCLOPTERIDAE(FAMILY)	1.	0.4	5.8	9.0
PLEURONECTIDAE(FAMILY)	4.	1.5	23.1	35.8
TOTAL	267.	100.0	1543.4	2392.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	12.9	23.1	35.8
THALEICHTHYS PACIFICUS	1.	3.2	5.8	9.0
LEUROGLOSSUS STILBIUS	4.	12.9	23.1	35.8
THERAGRA CHALCOGRAMMA	18.	58.1	104.0	161.3
SCORPAENIDAE(FAMILY)	3.	9.7	17.3	26.9
PLEURONECTIDAE(FAMILY)	1.	3.2	5.8	9.0
TOTAL	31.	100.0	179.2	277.8

TABLE:	331	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	62	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	120 M3
POSITION:	49 1.6 N 123 16.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	44 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	0836 HR	ALIQUOT:	
		DEPTH OF TOW:	120 M	S.H.F.:	10.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	12.5	8.3	10.0
MERLUCCIUS PRODUCTUS	7.	87.5	58.3	70.2
TOTAL	8.	100.0	66.7	80.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.4	16.7	20.1
LEUROGLOSSUS STILBIUS	3.	2.0	25.0	30.1
MERLUCCIUS PRODUCTUS	99.	67.3	825.0	993.0
MICROGADUS PROXIMUS	2.	1.4	16.7	20.1
THERAGRA CHALCOGRAMMA	18.	12.2	150.0	180.5
SCORPAENIDAE(FAMILY)	21.	14.3	175.0	210.6
COTTIDAE(FAMILY)	1.	0.7	8.3	10.0
PLEURONECTIDAE(FAMILY)	1.	0.7	8.3	10.0
TOTAL	147.	100.0	1225.0	1474.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	50.0	16.7	20.1
THERAGRA CHALCOGRAMMA	1.	25.0	8.3	10.0
SCORPAENIDAE(FAMILY)	1.	25.0	8.3	10.0
TOTAL	4.	100.0	33.3	40.1

TABLE: 332
CRUISE: SG 80- 9
SAMPLE NO.: 63
DATE: 6/ 5/80
VESSEL: CALIGUS
POSITION: 49 0.2 N 123 21.8 W
GRID POSITION: 46 . 36
BOTTOM DEPTH: 240 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0921 HR
DEPTH OF TOW: 216 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 220 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	0.9	13.6	29.5
MERLUCCIUS PRODUCTUS	310.	94.5	1409.1	3050.4
THERAGRA CHALCOGRAMMA	15.	4.6	68.2	147.6
TOTAL	328.	100.0	1490.9	3227.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	9.1	19.7
LEUROGLOSSUS STILBIUS	15.	8.0	68.2	147.6
MERLUCCIUS PRODUCTUS	142.	75.9	645.5	1397.3
MICROGADUS PROXIMUS	1.	0.5	4.5	9.8
THERAGRA CHALCOGRAMMA	11.	5.9	50.0	108.2
PHOLIDAE(FAMILY)	1.	0.5	4.5	9.8
SCORPAENIDAE(FAMILY)	9.	4.8	40.9	88.6
PLEURONECTIDAE(FAMILY)	6.	3.2	27.3	59.0
TOTAL	187.	100.0	850.0	1840.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	16.7	9.1	19.7
LEUROGLOSSUS STILBIUS	7.	58.3	31.8	68.9
THERAGRA CHALCOGRAMMA	2.	16.7	9.1	19.7
AGONIDAE(FAMILY)	1.	8.3	4.5	9.8
TOTAL	12.	100.0	54.5	118.1

TABLE:	333	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	64	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	227 M3
POSITION:	49 0.2 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	49 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	225 M	TIME OF TOW:	1006 HR	ALIQUOT:	
		DEPTH OF TOW:	184 M	S.H.F.:	8.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.6	8.8	16.2
MERLUCCIUS PRODUCTUS	260.	75.6	1145.4	2106.0
THERAGRA CHALCOGRAMMA	82.	23.8	361.2	664.2
TOTAL	344.	100.0	1515.4	2786.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	11.2	57.3	105.3
MERLUCCIUS PRODUCTUS	67.	57.8	295.2	542.7
THERAGRA CHALCOGRAMMA	27.	23.3	118.9	218.7
STICHAEIDAE(FAMILY)	2.	1.7	8.8	16.2
SCORPAENIDAE(FAMILY)	4.	3.4	17.6	32.4
COTTIDAE(FAMILY)	2.	1.7	8.8	16.2
PLEURONECTIDAE(FAMILY)	1.	0.9	4.4	8.1
TOTAL	116.	100.0	511.0	939.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	66.7	17.6	32.4
LEUROGLOSSUS STILBIUS	2.	33.3	8.8	16.2
TOTAL	6.	100.0	26.4	48.6

TABLE:	334	WIND DIRECTION:	135 DEG
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS
SAMPLE NO.:	65	WAVE HEIGHT:	
DATE:	6/ 5/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	48 57.7 N 123 24.4 W	STD NUMBER:	
GRID POSITION:	46 . 39	BT/XBT NUMBER:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1042 HR
		DEPTH OF TOW:	180 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	218 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	8.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	4.6	8.3
LEUROGLOSSUS STILBIUS	8.	3.3	36.7	66.2
MERLUCCIUS PRODUCTUS	189.	78.1	867.0	1564.9
THERAGRA CHALCOGRAMMA	44.	18.2	201.8	364.3
TOTAL	242.	100.0	1110.1	2003.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.0	4.6	8.3
LEUROGLOSSUS STILBIUS	11.	10.5	50.5	91.1
MERLUCCIUS PRODUCTUS	72.	68.6	330.3	596.2
MICROGADUS PROXIMUS	1.	1.0	4.6	8.3
THERAGRA CHALCOGRAMMA	14.	13.3	64.2	115.9
SCORPAENIDAE(FAMILY)	4.	3.8	18.3	33.1
PLEURONECTIDAE(FAMILY)	2.	1.9	9.2	16.6
TOTAL	105.	100.0	481.7	869.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	28.6	9.2	16.6
LEUROGLOSSUS STILBIUS	4.	57.1	18.3	33.1
PLEURONECTIDAE(FAMILY)	1.	14.3	4.6	8.3
TOTAL	7.	100.0	32.1	58.0

TABLE: 335
CRUISE: SG 80- 9
SAMPLE NO.: 66
DATE: 6/ 5/80
VESSEL: CALIGUS
POSITION: 48 55.6 N 123 21.0 W
GRID POSITION: 43 . 39
BOTTOM DEPTH: 190 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1126 HR
DEPTH OF TOW: 165 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 195 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	6.	3.4	30.8	50.9
LEUROGLOSSUS STILBIUS	3.	1.7	15.4	25.4
MERLUCCIUS PRODUCTUS	148.	85.1	759.0	1255.0
THERAGRA CHALCOGRAMMA	17.	9.8	87.2	144.2
TOTAL	174.	100.0	892.3	1475.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	5.1	8.5
MERLUCCIUS PRODUCTUS	139.	77.2	712.8	1178.7
THERAGRA CHALCOGRAMMA	20.	11.1	102.6	169.6
SCORPAENIDAE(FAMILY)	19.	10.6	97.4	161.1
CYCLOPTERIDAE(FAMILY)	1.	0.6	5.1	8.5
TOTAL	180.	100.0	923.1	1526.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	60.0	15.4	25.4
THERAGRA CHALCOGRAMMA	1.	20.0	5.1	8.5
SCORPAENIDAE(FAMILY)	1.	20.0	5.1	8.5
TOTAL	5.	100.0	25.6	42.4

TABLE:	336	WIND DIRECTION: 135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY: 2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	67	WAVE HEIGHT:	GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED:	184 M3
POSITION:	48 57.7 N 123 18.9 W	STD NUMBER:	DISP. VOLUME:	
GRID POSITION:	43 . 37	BT/XBT NUMBER:	PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW: 1201 HR	ALIQUOT:	
		DEPTH OF TOW: 152 M	S.H.F.:	8.26

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.3	5.4	8.3
MERLUCCIUS PRODUCTUS	2.	0.6	10.9	16.5
THERAGRA CHALCOGRAMMA	290.	93.2	1576.1	2395.4
	18.	5.8	97.8	148.7
TOTAL	311.	100.0	1690.2	2568.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	3.	1.7	16.3	24.8
MERLUCCIUS PRODUCTUS	7.	3.9	38.0	57.8
THERAGRA CHALCOGRAMMA	93.	52.2	505.4	768.2
SCORPAENIDAE(FAMILY)	47.	26.4	255.4	388.2
CYCLOPTERIDAE(FAMILY)	26.	14.6	141.3	214.8
	2.	1.1	10.9	16.5
TOTAL	178.	100.0	967.4	1470.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	5.9	5.4	8.3
LEUROGLOSSUS STILBIUS	2.	11.8	10.9	16.5
THERAGRA CHALCOGRAMMA	11.	64.7	59.8	90.9
STICHAEIDAE(FAMILY)	1.	5.9	5.4	8.3
ZOARCIDAE(FAMILY)	1.	5.9	5.4	8.3
COTTIDAE(FAMILY)	1.	5.9	5.4	8.3
TOTAL	17.	100.0	92.4	140.4

TABLE:	337	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	68	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.7 C	VOL. FILTERED:	160 M3
POSITION:	48 58.2 N 123 14.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	41 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	1237 HR	ALIQUOT:	
		DEPTH OF TOW:	129 M	S.H.F.:	8.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.9	6.3	8.1
LEUROGLOSSUS STILBIUS	1.	2.9	6.3	8.1
MERLUCCIUS PRODUCTUS	33.	94.3	206.3	266.0
TOTAL	35.	100.0	218.8	282.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.9	12.5	16.1
CLUPEA HARENGUS	2.	1.9	12.5	16.1
LEUROGLOSSUS STILBIUS	4.	3.8	25.0	32.2
MERLUCCIUS PRODUCTUS	64.	61.0	400.0	515.8
THERAGRA CHALCOGRAMMA	15.	14.3	93.8	120.9
STICHAEIDAE(FAMILY)	2.	1.9	12.5	16.1
SCORPAENIDAE(FAMILY)	15.	14.3	93.8	120.9
CYCLOPTERIDAE(FAMILY)	1.	1.0	6.3	8.1
TOTAL	105.	100.0	656.3	846.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	25.0	12.5	16.1
LEUROGLOSSUS STILBIUS	2.	25.0	12.5	16.1
THERAGRA CHALCOGRAMMA	3.	37.5	18.8	24.2
COTTIDAE(FAMILY)	1.	12.5	6.3	8.1
TOTAL	8.	100.0	50.0	64.5

TABLE:	338	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	69	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	48 56.0 N 123 15.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	155 M	TIME OF TOW:	1312 HR	ALIQUOT:	
		DEPTH OF TOW:	132 M	S.H.F.:	7.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	3.1	16.7	22.0
LEUROGLOSSUS STILBIUS	1.	1.0	5.6	7.3
MERLUCCIUS PRODUCTUS	85.	88.5	472.2	624.8
THERAGRA CHALCOGRAMMA	7.	7.3	38.9	51.5
TOTAL	96.	100.0	533.3	705.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.6	5.6	7.3
LEUROGLOSSUS STILBIUS	7.	4.3	38.9	51.5
MERLUCCIUS PRODUCTUS	101.	62.0	561.1	742.3
THERAGRA CHALCOGRAMMA	38.	23.3	211.1	279.3
SCORPAENIDAE(FAMILY)	16.	9.8	88.9	117.6
TOTAL	163.	100.0	905.6	1198.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	6.3	5.6	7.3
LEUROGLOSSUS STILBIUS	7.	43.8	38.9	51.5
MERLUCCIUS PRODUCTUS	1.	6.3	5.6	7.3
THERAGRA CHALCOGRAMMA	2.	12.5	11.1	14.7
SCORPAENIDAE(FAMILY)	1.	6.3	5.6	7.3
PLEURONECTIDAE(FAMILY)	4.	25.0	22.2	29.4
TOTAL	16.	100.0	88.9	117.6

TABLE:	339	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	70	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	194 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1352 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	8.78

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	10.3	17.6
LEUROGLOSSUS STILBIUS	5.	1.9	25.8	43.9
MERLUCCIUS PRODUCTUS	244.	90.7	1257.7	2142.3
THERAGRA CHALCOGRAMMA	18.	6.7	92.8	158.0
TOTAL	269.	100.0	1386.6	2361.8

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	5.2	8.8
LEUROGLOSSUS STILBIUS	9.	5.4	46.4	79.0
MERLUCCIUS PRODUCTUS	89.	53.6	458.8	781.4
THERAGRA CHALCOGRAMMA	15.	9.0	77.3	131.7
SCORPAENIDAE(FAMILY)	49.	29.5	252.6	430.2
CYCLOPTERIDAE(FAMILY)	1.	0.6	5.2	8.8
PLEURONECTIDAE(FAMILY)	2.	1.2	10.3	17.6
TOTAL	166.	100.0	855.7	1457.5

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	3.	60.0	15.5	26.3
COTTIDAE(FAMILY)	1.	20.0	5.2	8.8
CYCLOPTERIDAE(FAMILY)	1.	20.0	5.2	8.8
TOTAL	5.	100.0	25.8	43.9

TABLE:	340	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	71	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	48 52.3 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	37 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1416 HR	ALIQUOT:	
		DEPTH OF TOW:	191 M	S.H.F.:	9.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.0	9.7	18.5
LEUROGLOSSUS STILBIUS	2.	2.0	9.7	18.5
MERLUCCIUS PRODUCTUS	94.	93.1	454.1	867.6
THERAGRA CHALCOGRAMMA	3.	3.0	14.5	27.7
TOTAL	101.	100.0	487.9	932.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.6	9.7	18.5
LEUROGLOSSUS STILBIUS	3.	2.4	14.5	27.7
MERLUCCIUS PRODUCTUS	92.	74.2	444.4	849.2
THERAGRA CHALCOGRAMMA	15.	12.1	72.5	138.4
SCORPAENIDAE(FAMILY)	12.	9.7	58.0	110.8
TOTAL	124.	100.0	599.0	1144.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	16.7	4.8	9.2
LEUROGLOSSUS STILBIUS	1.	16.7	4.8	9.2
THERAGRA CHALCOGRAMMA	2.	33.3	9.7	18.5
STICHAEIDAE(FAMILY)	1.	16.7	4.8	9.2
MYCTOPHIDAE(FAMILY)	1.	16.7	4.8	9.2
TOTAL	6.	100.0	29.0	55.4

TABLE:	341	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	72	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.7 C	VOL. FILTERED:	139 M3
POSITION:	48 53.8 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1452 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	7.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.0	7.2	7.7
MERLUCCIUS PRODUCTUS	11.	55.0	79.1	84.5
THERAGRA CHALCOGRAMMA	8.	40.0	57.6	61.4
TOTAL	20.	100.0	143.9	153.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.7	7.2	7.7
LEUROGLOSSUS STILBIUS	5.	3.6	36.0	38.4
MERLUCCIUS PRODUCTUS	81.	58.3	582.7	622.1
THERAGRA CHALCOGRAMMA	23.	16.5	165.5	176.6
STICHAEIDAE(FAMILY)	1.	0.7	7.2	7.7
SCORPAENIDAE(FAMILY)	27.	19.4	194.2	207.4
PLEURONECTIDAE(FAMILY)	1.	0.7	7.2	7.7
TOTAL	139.	100.0	1000.0	1067.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	33.3	14.4	15.4
THERAGRA CHALCOGRAMMA	2.	33.3	14.4	15.4
SCORPAENIDAE(FAMILY)	2.	33.3	14.4	15.4
TOTAL	6.	100.0	43.2	46.1

TABLE:	342	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	73	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	123 M3
POSITION:	48 56.5 N 123 10.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	1520 HR	ALIQUOT:	
		DEPTH OF TOW:	105 M	S.H.F.:	8.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	32.	86.5	260.2	273.6
THERAGRA CHALCOGRAMMA	5.	13.5	40.7	42.8
TOTAL	37.	100.0	300.8	316.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.4	8.1	8.6
MERLUCCIUS PRODUCTUS	17.	40.5	138.2	145.4
THERAGRA CHALCOGRAMMA	8.	19.0	65.0	68.4
SCORPAENIDAE(FAMILY)	13.	31.0	105.7	111.2
PLEURONECTIDAE(FAMILY)	3.	7.1	24.4	25.7
TOTAL	42.	100.0	341.5	359.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	20.0	8.1	8.6
THERAGRA CHALCOGRAMMA	3.	60.0	24.4	25.7
PLEURONECTIDAE(FAMILY)	1.	20.0	8.1	8.6
TOTAL	5.	100.0	40.7	42.8

TABLE:	343	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	74	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	126 M3
POSITION:	48 55.7 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	35 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	115 M	TIME OF TOW:	1600 HR	ALIQUOT:	
		DEPTH OF TOW:	102 M	S.H.F.:	8.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	50.0	7.9	8.1
THERAGRA CHALCOGRAMMA	1.	50.0	7.9	8.1
TOTAL	2.	100.0	15.9	16.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.1	7.9	8.1
MERLUCCIUS PRODUCTUS	36.	38.7	285.7	290.5
THERAGRA CHALCOGRAMMA	29.	31.2	230.2	234.0
SCORPAENIDAE(FAMILY)	25.	26.9	198.4	201.8
PLEURONECTIDAE(FAMILY)	2.	2.2	15.9	16.1
TOTAL	93.	100.0	738.1	750.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	3.	100.0	23.8	24.2
TOTAL	3.	100.0	23.8	24.2

TABLE:	344	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	75	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	6/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	144 M3
POSITION:	48 53.8 N 123 4.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1631 HR	ALIQUOT:	
		DEPTH OF TOW:	108 M	S.H.F.:	7.46

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	12.5	6.9	7.5
MERLUCCIUS PRODUCTUS	6.	75.0	41.7	44.8
THERAGRA CHALCOGRAMMA	1.	12.5	6.9	7.5
TOTAL	8.	100.0	55.6	59.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.3	6.9	7.5
LEUROGLOSSUS STILBIUS	3.	3.8	20.8	22.4
MERLUCCIUS PRODUCTUS	38.	48.1	263.9	283.5
THERAGRA CHALCOGRAMMA	15.	19.0	104.2	111.9
SCORPAENIDAE(FAMILY)	22.	27.8	152.8	164.1
TOTAL	79.	100.0	548.6	589.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	9.1	6.9	7.5
LEUROGLOSSUS STILBIUS	2.	18.2	13.9	14.9
THERAGRA CHALCOGRAMMA	6.	54.5	41.7	44.8
AMMODYTES HEXAPTERUS	1.	9.1	6.9	7.5
PLEURONECTIDAE(FAMILY)	1.	9.1	6.9	7.5
TOTAL	11.	100.0	76.4	82.1

TABLE:	345	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	76	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	48 52.1 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	135 M	TIME OF TOW:	0750 HR	ALIQUOT:	
		DEPTH OF TOW:	112 M	S.H.F.:	7.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	33.3	6.3	7.0
MERLUCCIUS PRODUCTUS	2.	66.7	12.6	14.0
TOTAL	3.	100.0	18.9	21.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.0	12.6	14.0
CLUPEA HARENGUS	1.	1.0	6.3	7.0
LEUROGLOSSUS STILBIUS	1.	1.0	6.3	7.0
MERLUCCIUS PRODUCTUS	37.	36.6	232.7	259.7
THERAGRA CHALCOGRAMMA	36.	35.6	226.4	252.7
SCORPAENIDAE(FAMILY)	24.	23.8	150.9	168.5
TOTAL	101.	100.0	635.2	709.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	16.7	6.3	7.0
THERAGRA CHALCOGRAMMA	3.	50.0	18.9	21.1
SCORPAENIDAE(FAMILY)	1.	16.7	6.3	7.0
COTTIDAE(FAMILY)	1.	16.7	6.3	7.0
TOTAL	6.	100.0	37.7	42.1

TABLE:	346	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	77	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	197 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0827 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	9.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	16.	100.0	81.2	149.6
TOTAL	16.	100.0	81.2	149.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.7	5.1	9.4
LEUROGLOSSUS STILBIUS	6.	10.2	30.5	56.1
MERLUCCIUS PRODUCTUS	28.	47.5	142.1	261.8
THERAGRA CHALCOGRAMMA	6.	10.2	30.5	56.1
SCORPAENIDAE(FAMILY)	17.	28.8	86.3	159.0
PLEURONECTIDAE(FAMILY)	1.	1.7	5.1	9.4
TOTAL	59.	100.0	299.5	551.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	66.7	40.6	74.8
THERAGRA CHALCOGRAMMA	3.	25.0	15.2	28.1
STICHAEIDAE(FAMILY)	1.	8.3	5.1	9.4
TOTAL	12.	100.0	60.9	112.2

TABLE:	347	WIND DIRECTION: 135 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY: 2 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	78	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 161 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	32 . 40	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	145 M	TIME OF TOW: 0900 HR	ALIQUOT:
		DEPTH OF TOW: 126 M	S.H.F.: 7.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	6.	100.0	37.3	46.9
TOTAL	6.	100.0	37.3	46.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	8.0	37.3	46.9
MERLUCCIUS PRODUCTUS	54.	72.0	335.4	422.3
THERAGRA CHALCOGRAMMA	4.	5.3	24.8	31.3
SCORPAENIDAE(FAMILY)	10.	13.3	62.1	78.2
CYCLOPTERIDAE(FAMILY)	1.	1.3	6.2	7.8
TOTAL	75.	100.0	465.8	586.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	20.0	6.2	7.8
LEUROGLOSSUS STILBIUS	4.	80.0	24.8	31.3
TOTAL	5.	100.0	31.1	39.1

TABLE:	348	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	79	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	48 49.7 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	0929 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	9.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	18.2	11.1	19.5
MERLUCCIUS PRODUCTUS	7.	63.6	38.9	68.1
THERAGRA CHALCOGRAMMA	2.	18.2	11.1	19.5
TOTAL	11.	100.0	61.1	107.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	4.5	16.7	29.2
LEUROGLOSSUS STILBIUS	2.	3.0	11.1	19.5
MERLUCCIUS PRODUCTUS	23.	34.3	127.8	223.8
THERAGRA CHALCOGRAMMA	10.	14.9	55.6	97.3
SCORPAENIDAE(FAMILY)	25.	37.3	138.9	243.2
CYCLOPTERIDAE(FAMILY)	1.	1.5	5.6	9.7
PLEURONECTIDAE(FAMILY)	3.	4.5	16.7	29.2
TOTAL	67.	100.0	372.2	651.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	10.0	5.6	9.7
LEUROGLOSSUS STILBIUS	2.	20.0	11.1	19.5
THERAGRA CHALCOGRAMMA	6.	60.0	33.3	58.4
PLEURONECTIDAE(FAMILY)	1.	10.0	5.6	9.7
TOTAL	10.	100.0	55.6	97.3

TABLE:	349	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	48 48.6 N 123 2.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	152 M	S.H.F.:	8.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.3	5.6	8.4
MERLUCCIUS PRODUCTUS	17.	89.5	94.4	143.5
THERAGRA CHALCOGRAMMA	1.	5.3	5.6	8.4
TOTAL	19.	100.0	105.6	160.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	3.7	22.2	33.8
CLUPEA HARENGUS	3.	2.8	16.7	25.3
LEUROGLOSSUS STILBIUS	4.	3.7	22.2	33.8
MERLUCCIUS PRODUCTUS	46.	43.0	255.6	388.2
THERAGRA CHALCOGRAMMA	19.	17.8	105.6	160.4
SCORPAENIDAE(FAMILY)	29.	27.1	161.1	244.8
PLEURONECTIDAE(FAMILY)	2.	1.9	11.1	16.9
TOTAL	107.	100.0	594.4	903.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	20.0	11.1	16.9
LEUROGLOSSUS STILBIUS	2.	20.0	11.1	16.9
THERAGRA CHALCOGRAMMA	2.	20.0	11.1	16.9
PLEURONECTIDAE(FAMILY)	4.	40.0	22.2	33.8
TOTAL	10.	100.0	55.6	84.4

TABLE:	350	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	81	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	10.2 C	VOL. FILTERED:	220 M3
POSITION:	48 49.3 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1031 HR	ALIQUOT:	
		DEPTH OF TOW:	191 M	S.H.F.:	8.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	16.	94.1	72.7	138.7
THERAGRA CHALCOGRAMMA	1.	5.9	4.5	8.7
TOTAL	17.	100.0	77.3	147.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.7	4.5	8.7
LEUROGLOSSUS STILBIUS	1.	1.7	4.5	8.7
MERLUCCIUS PRODUCTUS	18.	30.5	81.8	156.1
THERAGRA CHALCOGRAMMA	14.	23.7	63.6	121.4
SCORPAENIDAE(FAMILY)	24.	40.7	109.1	208.1
COTTIDAE(FAMILY)	1.	1.7	4.5	8.7
TOTAL	59.	100.0	268.2	511.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	20.0	9.1	17.3
LEUROGLOSSUS STILBIUS	3.	30.0	13.6	26.0
PHOLIDAE(FAMILY)	1.	10.0	4.5	8.7
SCORPAENIDAE(FAMILY)	1.	10.0	4.5	8.7
AGONIDAE(FAMILY)	1.	10.0	4.5	8.7
PLEURONECTIDAE(FAMILY)	1.	10.0	4.5	8.7
COTTIDAE(FAMILY)	1.	10.0	4.5	8.7
TOTAL	10.	100.0	45.5	86.7

TABLE:	351	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	82	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	168 M3
POSITION:	48 51.8 N 123 2.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1108 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	9.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	7.1	6.0	9.6
MERLUCCIUS PRODUCTUS	13.	92.9	77.4	124.8
TOTAL	14.	100.0	83.3	134.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.7	6.0	9.6
CLUPEA HARENGUS	3.	5.0	17.9	28.8
LEUROGLOSSUS STILBIUS	2.	3.3	11.9	19.2
MERLUCCIUS PRODUCTUS	22.	36.7	131.0	211.2
THERAGRA CHALCOGRAMMA	10.	16.7	59.5	96.0
SCORPAENIDAE(FAMILY)	14.	23.3	83.3	134.4
COTTIDAE(FAMILY)	3.	5.0	17.9	28.8
CYCLOPTERIDAE(FAMILY)	3.	5.0	17.9	28.8
PLEURONECTIDAE(FAMILY)	2.	3.3	11.9	19.2
TOTAL	60.	100.0	357.1	576.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	2.	100.0	11.9	19.2
TOTAL	2.	100.0	11.9	19.2

TABLE:	352	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	83	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	152 M3
POSITION:	48 54.3 N 123 0.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	1146 HR	ALIQUOT:	
		DEPTH OF TOW:	117 M	S.H.F.:	7.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	6.	75.0	39.5	46.4
THERAGRA CHALCOGRAMMA	2.	25.0	13.2	15.5
TOTAL	8.	100.0	52.6	61.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.5	6.6	7.7
CLUPEA HARENGUS	2.	3.1	13.2	15.5
LEUROGLOSSUS STILBIUS	1.	1.5	6.6	7.7
MERLUCCIUS PRODUCTUS	40.	61.5	263.2	309.6
THERAGRA CHALCOGRAMMA	11.	16.9	72.4	85.1
SCORPAENIDAE(FAMILY)	9.	13.8	59.2	69.7
CYCLOPTERIDAE(FAMILY)	1.	1.5	6.6	7.7
TOTAL	65.	100.0	427.6	503.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	2.	33.3	13.2	15.5
PHOLIDAE(FAMILY)	1.	16.7	6.6	7.7
AMMODYTES HEXAPTERUS	1.	16.7	6.6	7.7
CYCLOPTERIDAE(FAMILY)	1.	16.7	6.6	7.7
PLEURONECTIDAE(FAMILY)	1.	16.7	6.6	7.7
TOTAL	6.	100.0	39.5	46.4

TABLE:	353
CRUISE:	SG 80- 9
SAMPLE NO.:	84
DATE:	7/ 5/80
VESSEL:	CALIGUS
POSITION:	48 54.0 N 122 56.9 W
GRID POSITION:	29 . 32
BOTTOM DEPTH:	115 M
WIND DIRECTION:	270 DEG
WIND VELOCITY:	5 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1216 HR
DEPTH OF TOW:	103 M
TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	132 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	7.77

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	4.	100.0	30.3	31.1
TOTAL	4.	100.0	30.3	31.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.0	7.6	7.8
MERLUCCIUS PRODUCTUS	26.	52.0	197.0	202.0
THERAGRA CHALCOGRAMMA	8.	16.0	60.6	62.2
SCORPAENIDAE(FAMILY)	11.	22.0	83.3	85.5
CYCLOPTERIDAE(FAMILY)	1.	2.0	7.6	7.8
PLEURONECTIDAE(FAMILY)	3.	6.0	22.7	23.3
TOTAL	50.	100.0	378.8	388.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	15.	55.6	113.6	116.6
THERAGRA CHALCOGRAMMA	4.	14.8	30.3	31.1
STICHAEIDAE(FAMILY)	1.	3.7	7.6	7.8
AMMODYTES HEXAPTERUS	3.	11.1	22.7	23.3
SCORPAENIDAE(FAMILY)	1.	3.7	7.6	7.8
PLEURONECTIDAE(FAMILY)	3.	11.1	22.7	23.3
TOTAL	27.	100.0	204.5	209.8

TABLE:	354	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	85	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	48 52.3 N 122 55.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1241 HR	ALIQUOT:	
		DEPTH OF TOW:	109 M	S.H.F.:	7.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	25.0	14.1	15.3
MERLUCCIUS PRODUCTUS	6.	75.0	42.3	46.0
TOTAL	8.	100.0	56.3	61.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	10.	15.4	70.4	76.6
LEUROGLOSSUS STILBIUS	1.	1.5	7.0	7.7
MERLUCCIUS PRODUCTUS	24.	36.9	169.0	183.8
	6.	9.2	42.3	46.0
AMMODYTES HEXAPTERUS	1.	1.5	7.0	7.7
SCORPAENIDAE(FAMILY)	19.	29.2	133.8	145.5
PLEURONECTIDAE(FAMILY)	4.	6.2	28.2	30.6
TOTAL	65.	100.0	457.7	497.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
AMMODYTES HEXAPTERUS	2.	40.0	14.1	15.3
COTTIDAE(FAMILY)	1.	20.0	7.0	7.7
PLEURONECTIDAE(FAMILY)	2.	40.0	14.1	15.3
TOTAL	5.	100.0	35.2	38.3

TABLE: 355
CRUISE: SG 80- 9
SAMPLE NO.: 86
DATE: 7/ 5/80
VESSEL: CALIGUS
POSITION: 48 51.7 N 122 58.4 W
GRID POSITION: 28 . 34
BOTTOM DEPTH: 220 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP: 12.5 C
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1308 HR
DEPTH OF TOW: 188 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 219 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.60

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	14.	100.0	63.9	120.4
TOTAL	14.	100.0	63.9	120.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	3.8	13.7	25.8
LEUROGLOSSUS STILBIUS	5.	6.4	22.8	43.0
MERLUCCIUS PRODUCTUS	51.	65.4	232.9	438.6
THERAGRA CHALCOGRAMMA	4.	5.1	18.3	34.4
SCORPAENIDAE(FAMILY)	10.	12.8	45.7	86.0
COTTIDAE(FAMILY)	1.	1.3	4.6	8.6
CYCLOPTERIDAE(FAMILY)	1.	1.3	4.6	8.6
PLEURONECTIDAE(FAMILY)	3.	3.8	13.7	25.8
TOTAL	78.	100.0	356.2	670.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	75.0	13.7	25.8
COTTIDAE(FAMILY)	1.	25.0	4.6	8.6
TOTAL	4.	100.0	18.3	34.4

TABLE:	356	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	87	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	186 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1342 HR	ALIQUOT:	
		DEPTH OF TOW:	165 M	S.H.F.:	8.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	6.3	5.4	8.9
MERLUCCIUS PRODUCTUS	14.	87.5	75.3	124.0
THERAGRA CHALCOGRAMMA	1.	6.3	5.4	8.9
TOTAL	16.	100.0	86.0	141.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	4.5	26.9	44.3
LEUROGLOSSUS STILBIUS	6.	5.4	32.3	53.2
MERLUCCIUS PRODUCTUS	36.	32.1	193.5	319.0
THERAGRA CHALCOGRAMMA	27.	24.1	145.2	239.2
STICHAEIDAE(FAMILY)	3.	2.7	16.1	26.6
PHOLIDAE(FAMILY)	1.	0.9	5.4	8.9
SCORPAENIDAE(FAMILY)	24.	21.4	129.0	212.6
COTTIDAE(FAMILY)	5.	4.5	26.9	44.3
PLEURONECTIDAE(FAMILY)	5.	4.5	26.9	44.3
TOTAL	112.	100.0	602.2	992.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	10.0	5.4	8.9
THERAGRA CHALCOGRAMMA	2.	20.0	10.8	17.7
CYCLOPTERIDAE(FAMILY)	1.	10.0	5.4	8.9
PLEURONECTIDAE(FAMILY)	3.	30.0	16.1	26.6
MYCTOPHIDAE(FAMILY)	1.	10.0	5.4	8.9
ANOPLARCHUS PURPURESCENS	1.	10.0	5.4	8.9
GILBERTIDIA SIGALUTES	1.	10.0	5.4	8.9
TOTAL	10.	100.0	53.8	88.6

TABLE:	357	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	88	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	215 M3
POSITION:	48 50.0 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1411 HR	ALIQUOT:	
		DEPTH OF TOW:	191 M	S.H.F.:	8.87

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	4.2	4.7	8.9
MERLUCCIUS PRODUCTUS	22.	91.7	102.3	195.1
THERAGRA CHALCOGRAMMA	1.	4.2	4.7	8.9
TOTAL	24.	100.0	111.6	212.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.3	4.7	8.9
LEUROGLOSSUS STILBIUS	5.	6.5	23.3	44.3
MERLUCCIUS PRODUCTUS	41.	53.2	190.7	363.7
THERAGRA CHALCOGRAMMA	15.	19.5	69.8	133.1
AMMODYTES HEXAPTERUS	1.	1.3	4.7	8.9
SCORPAENIDAE(FAMILY)	13.	16.9	60.5	115.3
PLEURONECTIDAE(FAMILY)	1.	1.3	4.7	8.9
TOTAL	77.	100.0	358.1	683.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	33.3	4.7	8.9
MYCTOPHIDAE(FAMILY)	1.	33.3	4.7	8.9
COTTIDAE(FAMILY)	1.	33.3	4.7	8.9
TOTAL	3.	100.0	14.0	26.6

TABLE:	358	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	89	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	13.0 C	VOL. FILTERED:	240 M3
POSITION:	48 48.5 N 122 55.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1442 HR	ALIQUOT:	
		DEPTH OF TOW:	157 M	S.H.F.:	6.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	14.3	8.3	13.1
MERLUCCIUS PRODUCTUS	12.	85.7	50.0	78.5
TOTAL	14.	100.0	58.3	91.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	4.8	12.5	19.6
MERLUCCIUS PRODUCTUS	22.	35.5	91.7	143.9
THERAGRA CHALCOGRAMMA	13.	21.0	54.2	85.0
SCORPAENIDAE(FAMILY)	20.	32.3	83.3	130.8
PLEURONECTIDAE(FAMILY)	4.	6.5	16.7	26.2
TOTAL	62.	100.0	258.3	405.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	42.9	25.0	39.2
LEUROGLOSSUS STILBIUS	2.	14.3	8.3	13.1
THERAGRA CHALCOGRAMMA	3.	21.4	12.5	19.6
COTTIDAE(FAMILY)	1.	7.1	4.2	6.5
AGONIDAE(FAMILY)	2.	14.3	8.3	13.1
TOTAL	14.	100.0	58.3	91.6

TABLE:	359	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	90	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	263 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1512 HR	ALIQUOT:	
		DEPTH OF TOW:	207 M	S.H.F.:	7.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.6	3.8	7.9
MERLUCCIUS PRODUCTUS	27.	96.4	102.7	212.2
TOTAL	28.	100.0	106.5	220.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	6.7	15.2	31.4
MERLUCCIUS PRODUCTUS	31.	51.7	117.9	243.7
THERAGRA CHALCOGRAMMA	9.	15.0	34.2	70.7
STICHAEIDAE(FAMILY)	1.	1.7	3.8	7.9
SCORPAENIDAE(FAMILY)	10.	16.7	38.0	78.6
COTTIDAE(FAMILY)	1.	1.7	3.8	7.9
CYCLOPTERIDAE(FAMILY)	2.	3.3	7.6	15.7
PLEURONECTIDAE(FAMILY)	2.	3.3	7.6	15.7
TOTAL	60.	100.0	228.1	471.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	11.1	3.8	7.9
CLUPEA HARENGUS	2.	22.2	7.6	15.7
THERAGRA CHALCOGRAMMA	1.	11.1	3.8	7.9
LYCONECTES ALEUTENSIS	1.	11.1	3.8	7.9
SCORPAENIDAE(FAMILY)	1.	11.1	3.8	7.9
COTTIDAE(FAMILY)	1.	11.1	3.8	7.9
PLEURONECTIDAE(FAMILY)	2.	22.2	7.6	15.7
TOTAL	9.	100.0	34.2	70.7

TABLE:	360
CRUISE:	SG 80-10
SAMPLE NO.:	1
DATE:	14/ 5/80
VESSEL:	CALIGUS
POSITION:	49 22.5 N 123 FO.4 W
GRID POSITION:	74 . 28
BOTTOM DEPTH:	385 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1007 HR
DEPTH OF TOW:	328 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	411 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	7.97

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	5.7	48.7	159.4
MERLUCCIUS PRODUCTUS	332.	94.1	807.8	2646.0
THERAGRA CHALCOGRAMMA	1.	0.3	2.4	8.0
TOTAL	353.	100.0	858.9	2813.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	4.9	15.9
LEUROGLOSSUS STILBIUS	62.	8.3	150.9	494.1
MERLUCCIUS PRODUCTUS	587.	78.7	1428.2	4678.4
THERAGRA CHALCOGRAMMA	88.	11.8	214.1	701.4
SCORPAENIDAE(FAMILY)	7.	0.9	17.0	55.8
TOTAL	746.	100.0	1815.1	5945.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	4.9	15.9
TOTAL	2.	100.0	4.9	15.9

TABLE:	361	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-10	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	441 M3
POSITION:	49 21.9 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1342 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	7.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	2.1	2.3	7.9
MERLUCCIUS PRODUCTUS	5.	10.6	11.3	39.5
THERAGRA CHALCOGRAMMA	40.	85.1	90.7	315.6
	1.	2.1	2.3	7.9
TOTAL	47.	100.0	106.6	370.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	2.3	7.9
LEUROGLOSSUS STILBIUS	54.	12.2	122.4	426.1
MERLUCCIUS PRODUCTUS	346.	77.9	784.6	2729.9
THERAGRA CHALCOGRAMMA	35.	7.9	79.4	276.1
SCORPAENIDAE(FAMILY)	6.	1.4	13.6	47.3
CYCLOPTERIDAE(FAMILY)	1.	0.2	2.3	7.9
PLEURONECTIDAE(FAMILY)	1.	0.2	2.3	7.9
TOTAL	444.	100.0	1006.8	3503.2

TABLE: 362
CRUISE: SG 80-11
SAMPLE NO.: 1
DATE: 21/ 5/80
VESSEL: CALIGUS
POSITION: 49 15.8 N 123 57.3 W
GRID POSITION: 74 . 36
BOTTOM DEPTH: 340 M

WIND DIRECTION: 0 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0753 HR
DEPTH OF TOW: 299 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 301 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	23.1	19.9	59.6
MERLUCCIUS PRODUCTUS	20.	76.9	66.4	198.6
TOTAL	26.	100.0	86.4	258.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	2.2	3.3	9.9
LEUROGLOSSUS STILBIUS	3.	6.7	10.0	29.8
MERLUCCIUS PRODUCTUS	37.	82.2	122.9	367.4
SCORPAENIDAE(FAMILY)	4.	8.9	13.3	39.7
TOTAL	45.	100.0	149.5	446.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	100.0	16.6	49.7
TOTAL	5.	100.0	16.6	49.7

TABLE:	363	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	179 M3
POSITION:	49 16.1 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	10.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	4.	100.0	22.3	40.2
TOTAL	4.	100.0	22.3	40.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	23.5	44.7	80.4
MERLUCCIUS PRODUCTUS	17.	50.0	95.0	170.9
THERAGRA CHALCOGRAMMA	4.	11.8	22.3	40.2
SCORPAENIDAE(FAMILY)	3.	8.8	16.8	30.2
PLEURONECTIDAE(FAMILY)	2.	5.9	11.2	20.1
TOTAL	34.	100.0	189.9	341.7

TABLE:	364	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	321 M3
POSITION:	49 18.6 N 123 58.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	0905 HR	ALIQUOT:	
		DEPTH OF TOW:	364 M	S.H.F.:	11.31

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	20.	100.0	62.3	226.2
TOTAL	20.	100.0	62.3	226.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	3.1	11.3
LEUROGLOSSUS STILBIUS	120.	49.0	373.8	1357.2
MERLUCCIUS PRODUCTUS	120.	49.0	373.8	1357.2
THERAGRA CHALCOGRAMMA	3.	1.2	9.3	33.9
PLEURONECTIDAE(FAMILY)	1.	0.4	3.1	11.3
TOTAL	245.	100.0	763.2	2771.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	6.2	22.6
THERAGRA CHALCOGRAMMA	2.	50.0	6.2	22.6
TOTAL	4.	100.0	12.5	45.2

TABLE:	365	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 18.2 N 124 4.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	10.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	6.3	16.4	42.7
MERLUCCIUS PRODUCTUS	59.	93.7	241.8	629.5
TOTAL	63.	100.0	258.2	672.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	8.2	32.8	85.4
MERLUCCIUS PRODUCTUS	79.	80.6	323.8	842.9
THERAGRA CHALCOGRAMMA	8.	8.2	32.8	85.4
SCORPAENIDAE(FAMILY)	3.	3.1	12.3	32.0
TOTAL	98.	100.0	401.6	1045.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	20.0	4.1	10.7
MERLUCCIUS PRODUCTUS	1.	20.0	4.1	10.7
SCORPAENIDAE(FAMILY)	3.	60.0	12.3	32.0
TOTAL	5.	100.0	20.5	53.4

TABLE:	366	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	21/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	361 M3
POSITION:	49 20.3 N 124 1.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	352 M	S.H.F.:	9.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	11.1	5.5	19.5
MERLUCCIUS PRODUCTUS	16.	88.9	44.3	156.2
TOTAL	18.	100.0	49.9	175.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	0.6	2.8	9.8
LEUROGLOSSUS STILBIUS	27.	17.2	74.8	263.5
MERLUCCIUS PRODUCTUS	119.	75.8	329.6	1161.4
THERAGRA CHALCOGRAMMA	7.	4.5	19.4	68.3
SCORPAENIDAE(FAMILY)	3.	1.9	8.3	29.3
TOTAL	157.	100.0	434.9	1532.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	66.7	38.8	136.6
MERLUCCIUS PRODUCTUS	1.	4.8	2.8	9.8
SCORPAENIDAE(FAMILY)	3.	14.3	8.3	29.3
PLEURONECTIDAE(FAMILY)	1.	4.8	2.8	9.8
LEUROGLOSSUS STILBIUS	1.	4.8	2.8	9.8
NECTOLIPARIS PELAGICUS	1.	4.8	2.8	9.8
TOTAL	21.	100.0	58.2	205.0

TABLE:	367	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	340 M3
POSITION:	49 18.3 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	372 M	S.H.F.:	10.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	26.5	26.5	98.5
MERLUCCIUS PRODUCTUS	24.	70.6	70.6	262.6
THERAGRA CHALCOGRAMMA	1.	2.9	2.9	10.9
TOTAL	34.	100.0	100.0	372.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	21.	15.1	61.8	229.7
MERLUCCIUS PRODUCTUS	110.	79.1	323 5	1203.4
THERAGRA CHALCOGRAMMA	5.	3.6	14.7	54.7
SCORPAENIDAE(FAMILY)	3.	2.2	8.8	32.8
TOTAL	139.	100.0	408.8	1520.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	100.0	26.5	98.5
TOTAL	9.	100.0	26.5	98.5

TABLE:	368	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	49 21.4 N 123 58.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	205 M	S.H.F.:	9.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	18.2	9.0	18.3
MERLUCCIUS PRODUCTUS	8.	72.7	35.9	73.4
THERAGRA CHALCOGRAMMA	1.	9.1	4.5	9.2
TOTAL	11.	100.0	49.3	100.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	0.7	4.5	9.2
LEUROGLOSSUS STILBIUS	38.	26.6	170.4	348.5
MERLUCCIUS PRODUCTUS	99.	69.2	443.9	907.8
THERAGRA CHALCOGRAMMA	2.	1.4	9.0	18.3
SCORPAENIDAE(FAMILY)	3.	2.1	13.5	27.5
TOTAL	143.	100.0	641.3	1311.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	33.3	4.5	9.2
THERAGRA CHALCOGRAMMA	2.	66.7	9.0	18.3
TOTAL	3.	100.0	13.5	27.5

TABLE:	369	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	281 M3
POSITION:	49 20.3 N 124 7.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	380 M	TIME OF TOW:	1020 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	12.58

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	14.3	35.6	125.8
MERLUCCIUS PRODUCTUS	60.	85.7	213.5	754.8
TOTAL	70.	100.0	249.1	880.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	1.4	7.1	25.2
LEUROGLOSSUS STILBIUS	9.	6.4	32.0	113.2
GADIDAE(FAMILY)	4.	2.9	14.2	50.3
MERLUCCIUS PRODUCTUS	108.	77.1	384.3	1358.6
THERAGRA CHALCOGRAMMA	13.	9.3	46.3	163.5
SCORPAENIDAE(FAMILY)	4.	2.9	14.2	50.3
TOTAL	140.	100.0	498.2	1761.2

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	81.8	32.0	113.2
ZOARCIDAE(FAMILY)	2.	18.2	7.1	25.2
TOTAL	11.	100.0	39.1	138.4

TABLE: 370
CRUISE: SG 80-11
SAMPLE NO.: 9
DATE: 23/ 5/80
VESSEL: CALIGUS
POSITION: 49 22.8 N 124 4.8 W
GRID POSITION: 82 . 33
BOTTOM DEPTH: 247 M

WIND DIRECTION: 0 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1105 HR
DEPTH OF TOW: 212 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 223 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.51

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	10.5	17.9	38.0
MERLUCCIUS PRODUCTUS	34.	89.5	152.5	323.3
TOTAL	38.	100.0	170.4	361.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	3.	3.0	13.5	28.5
LEUROGLOSSUS STILBIUS	15.	14.9	67.3	142.7
MERLUCCIUS PRODUCTUS	74.	73.3	331.8	703.7
THERAGRA CHALCOGRAMMA	2.	2.0	9.0	19.0
SCORPAENIDAE(FAMILY)	7.	6.9	31.4	66.6
TOTAL	101.	100.0	452.9	960.5

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	86.7	58.3	123.6
MYCTOPHIDAE(FAMILY)	1.	6.7	4.5	9.5
ZOARCIDAE(FAMILY)	1.	6.7	4.5	9.5
TOTAL	15.	100.0	67.3	142.6

TABLE:	371	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	289 M3
POSITION:	49 22.8 N 124 10.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1150 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	9.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	8.7	6.9	19.6
MERLUCCIUS PRODUCTUS	17.	73.9	58.8	166.3
THERAGRA CHALCOGRAMMA	4.	17.4	13.8	39.1
TOTAL	23.	100.0	79.6	224.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	13.	11.8	45.0	127.1
LEUROGLOSSUS STILBIUS	14.	12.7	48.4	136.9
MERLUCCIUS PRODUCTUS	74.	67.3	256.1	723.7
THERAGRA CHALCOGRAMMA	2.	1.8	6.9	19.6
GOBIIDAE(FAMILY)	1.	0.9	3.5	9.8
SCORPAENIDAE(FAMILY)	6.	5.5	20.8	58.7
TOTAL	110.	100.0	380.6	1075.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	58.3	24.2	68.5
THERAGRA CHALCOGRAMMA	3.	25.0	10.4	29.3
LEUROGLOSSUS STILBIUS	1.	8.3	3.5	9.8
ZOARCIDAE(FAMILY)	1.	8.3	3.5	9.8
TOTAL	12.	100.0	41.5	117.4

TABLE:	372	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.9 C	VOL. FILTERED:	297 M3
POSITION:	49 25.6 N 124 5.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1235 HR	ALIQUOT:	
		DEPTH OF TOW:	268 M	S.H.F.:	9.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	23.1	10.1	27.1
MERLUCCIUS PRODUCTUS	10.	76.9	33.7	90.3
TOTAL	13.	100.0	43.8	117.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	3.4	9.0
CLUPEA HARENGUS	2.	1.5	6.7	18.1
THALEICHTHYS PACIFICUS	2.	1.5	6.7	18.1
LEUROGLOSSUS STILBIUS	11.	8.1	37.0	99.3
MERLUCCIUS PRODUCTUS	106.	77.9	356.9	957.2
THERAGRA CHALCOGRAMMA	3.	2.2	10.1	27.1
GOBIIDAE(FAMILY)	2.	1.5	6.7	18.1
SCORPAENIDAE(FAMILY)	9.	6.6	30.3	81.3
TOTAL	136.	100.0	457.9	1228.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	53.8	47.1	126.4
MERLUCCIUS PRODUCTUS	1.	3.8	3.4	9.0
THERAGRA CHALCOGRAMMA	10.	38.5	33.7	90.3
LEUROGLOSSUS STILBIUS	1.	3.8	3.4	9.0
TOTAL	26.	100.0	87.5	234.8

TABLE:	373	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	357 M3
POSITION:	49 24.7 N 124 1.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1320 HR	ALIQUOT:	
		DEPTH OF TOW:	352 M	S.H.F.:	9.88

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	28.8	47.6	168.0
MERLUCCIUS PRODUCTUS	38.	64.4	106.4	375.4
THERAGRA CHALCOGRAMMA	4.	6.8	11.2	39.5
TOTAL	59.	100.0	165.3	582.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	6.	2.3	16.8	59.3
LEUROGLOSSUS STILBIUS	29.	11.1	81.2	286.5
MERLUCCIUS PRODUCTUS	211.	80.5	591.0	2084.7
MICROGADUS PROXIMUS	1.	0.4	2.8	9.9
THERAGRA CHALCOGRAMMA	7.	2.7	19.6	69.2
GOBIIDAE(FAMILY)	2.	0.8	5.6	19.8
SCORPAENIDAE(FAMILY)	6.	2.3	16.8	59.3
TOTAL	262.	100.0	733.9	2588.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	84.6	30.8	108.7
THERAGRA CHALCOGRAMMA	2.	15.4	5.6	19.8
TOTAL	13.	100.0	36.4	128.4

TABLE:	374	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	272 M3
POSITION:	49 24.4 N 123 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1400 HR	ALIQUOT:	
		DEPTH OF TOW:	291 M	S.H.F.:	10.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	23.	8.2	84.6	246.8
MERLUCCIUS PRODUCTUS	251.	90.0	922.8	2693.2
THERAGRA CHALCOGRAMMA	5.	1.8	18.4	53.6
TOTAL	279.	100.0	1025.7	2993.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.3	7.4	21.5
THALEICHTHYS PACIFICUS	4.	2.5	14.7	42.9
LEUROGLOSSUS STILBIUS	21.	13.1	77.2	225.3
MERLUCCIUS PRODUCTUS	120.	75.0	441.2	1287.6
THERAGRA CHALCOGRAMMA	8.	5.0	29.4	85.8
SCORPAENIDAE(FAMILY)	5.	3.1	18.4	53.6
TOTAL	160.	100.0	588.2	1716.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	50.0	11.0	32.2
THERAGRA CHALCOGRAMMA	1.	16.7	3.7	10.7
COTTIDAE(FAMILY)	1.	16.7	3.7	10.7
ZOARCIDAE(FAMILY)	1.	16.7	3.7	10.7
TOTAL	6.	100.0	22.1	64.4

TABLE:	375	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 27.2 N 124 3.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1500 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	10.25

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	8.3	3.4	10.3
MERLUCCIUS PRODUCTUS	11.	91.7	37.7	112.8
TOTAL	12.	100.0	41.1	123.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	1.0	3.4	10.3
LEUROGLOSSUS STILBIUS	11.	10.8	37.7	112.8
MERLUCCIUS PRODUCTUS	80.	78.4	274.0	820.0
THERAGRA CHALCOGRAMMA	3.	2.9	10.3	30.8
SCORPAENIDAE(FAMILY)	7.	6.9	24.0	71.8
TOTAL	102.	100.0	349.3	1045.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	5.3	3.4	10.3
LEUROGLOSSUS STILBIUS	14.	73.7	47.9	143.5
THERAGRA CHALCOGRAMMA	1.	5.3	3.4	10.3
SCORPAENIDAE(FAMILY)	1.	5.3	3.4	10.3
PLEURONECTIDAE(FAMILY)	1.	5.3	3.4	10.3
CYCLOPTERIDAE(FAMILY)	1.	5.3	3.4	10.3
TOTAL	19.	100.0	65.1	194.8

TABLE:	376	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	198 M3
POSITION:	49 27.2 N 123 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1445 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	9.38

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	100.0	15.2	28.1
TOTAL	3.	100.0	15.2	28.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.4	5.1	9.4
LEUROGLOSSUS STILBIUS	13.	31.0	65.7	121.9
MERLUCCIUS PRODUCTUS	25.	59.5	126.3	234.5
GOBIIDAE(FAMILY)	1.	2.4	5.1	9.4
SCORPAENIDAE(FAMILY)	2.	4.8	10.1	18.8
TOTAL	42.	100.0	212.1	394.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	86.7	65.7	121.9
THERAGRA CHALCOGRAMMA	2.	13.3	10.1	18.8
TOTAL	15.	100.0	75.8	140.7

TABLE:	377	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	49 27.2 N 123 52.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	0600 HR	ALIQUOT:	
		DEPTH OF TOW:	144 M	S.H.F.:	11.26

LARVAE	TOTAL NUMBER	TAXA PCT	REL. ABUN (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	1.5	6.2	11.3
LEUROGLOSSUS STILBIUS	56.	82.4	345.7	630.6
MERLUCCIUS PRODUCTUS	2.	2.9	12.3	22.5
THERAGRA CHALCOGRAMMA	1.	1.5	6.2	11.3
SCORPAENIDAE(FAMILY)	8.	11.8	49.4	90.1
TOTAL	68.	100.0	419.8	765.7

TABLE:	378	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	176 M3
POSITION:	49 25.2 N 123 45.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	73 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	0640 HR	ALIQUOT:	
		DEPTH OF TOW:	150 M	S.H.F.:	8.52

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	39.	81.3	221.6	332.3
MERLUCCIUS PRODUCTUS	3.	6.3	17.0	25.6
THERAGRA CHALCOGRAMMA	1.	2.1	5.7	8.5
SCORPAENIDAE(FAMILY)	5.	10.4	28.4	42.6
TOTAL	48.	100.0	272.7	409.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	100.0	102.3	153.4
TOTAL	18.	100.0	102.3	153.4

TABLE:	379	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGU .25 M2
DATE:	24/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	201 M3
POSITION:	49 24.4 N 123 52.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	0725 HR	ALIQUOT:	
		DEPTH OF TOW:	156 M	S.H.F.:	7.75

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	5.0	7.8
MERLUCCIUS PRODUCTUS	1.	50.0	5.0	7.8
TOTAL	2.	100.0	10.0	15.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	1.4	5.0	7.8
LEUROGLOSSUS STILBIUS	51.	68.9	253.7	395.3
MERLUCCIUS PRODUCTUS	17.	23.0	84.6	131.8
SCORPAENIDAE(FAMILY)	5.	6.8	24.9	38.8
TOTAL	74.	100.0	368.2	573.5

TABLE:	380	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	388 M3
POSITION:	49 21.9 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	430 M	TIME OF TOW:	0805 HR	ALIQUOT:	
		DEPTH OF TOW:	417 M	S.H.F.:	10.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	47.4	23.2	96.8
MERLUCCIUS PRODUCTUS	9.	47.4	23.2	96.8
THERAGRA CHALCOGRAMMA	1.	5.3	2.6	10.8
TOTAL	19.	100.0	49.0	204.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	15.5	64.6
ZOARCIDAE(FAMILY)	2.	25.0	5.2	21.5
TOTAL	8.	100.0	20.6	86.1

TABLE:	381	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0615 HR	ALIQUOT:	
		DEPTH OF TOW:	182 M	S.H.F.:	8.81

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	4.8	8.8
MERLUCCIUS PRODUCTUS	2.	66.7	9.7	17.6
TOTAL	3.	100.0	14.5	26.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	8.0	9.7	17.6
MERLUCCIUS PRODUCTUS	13.	52.0	62.8	114.5
THERAGRA CHALCOGRAMMA	3.	12.0	14.5	26.4
GOBIIDAE(FAMILY)	1.	4.0	4.8	8.8
SCORPAENIDAE(FAMILY)	6.	24.0	29.0	52.9
TOTAL	25.	100.0	120.8	220.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.8	8.8
TOTAL	1.	100.0	4.8	8.8

TABLE:	382	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	184 M3
POSITION:	49 13.3 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	0720 HR	ALIQUOT:	
		DEPTH OF TOW:	159 M	S.H.F.:	8.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	5.0	5.4	8.6
MERLUCCIUS PRODUCTUS	19.	95.0	103.3	164.2
TOTAL	20.	100.0	108.7	172.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	21.1	21.7	34.6
LEUROGLOSSUS STILBIUS	5.	26.3	27.2	43.2
MERLUCCIUS PRODUCTUS	5.	26.3	27.2	43.2
THERAGRA CHALCOGRAMMA	2.	10.5	10.9	17.3
SCORPAENIDAE(FAMILY)	3.	15.8	16.3	25.9
TOTAL	19.	100.0	103.3	164.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	32.6	51.8
MERLUCCIUS PRODUCTUS	1.	12.5	5.4	8.6
SCORPAENIDAE(FAMILY)	1.	12.5	5.4	8.6
TOTAL	8.	100.0	43.5	69.1

TABLE:	383	WIND DIRECTION:		TOW SPEED: 1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW: OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE: BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED: 179 M3
POSITION:	49 11.4 N 123 44.4 W	STD NUMBER:		DISP. VOLUME:
GRID POSITION:	64 . 35	BT/XBT NUMBER:		PLANKTON CONC.:
BOTTOM DEPTH:	185 M	TIME OF TOW:	0800 HR	ALIQUOT:
		DEPTH OF TOW:	165 M	S.H.F.: 9.22

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	5.	83.3	27.9	46.1
THERAGRA CHALCOGRAMMA	1.	16.7	5.6	9.2
TOTAL	6.	100.0	33.5	55.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	3.	5.0	16.8	27.7
MERLUCCIUS PRODUCTUS	15.	25.0	83.8	138.3
THERAGRA CHALCOGRAMMA	18.	30.0	100.6	166.0
GOBIIDAE(FAMILY)	3.	5.0	16.8	27.7
SCORPAENIDAE(FAMILY)	1.	1.7	5.6	9.2
	20.	33.3	111.7	184.4
TOTAL	60.	100.0	335.2	553.2

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	11.2	18.4
TOTAL	2.	100.0	11.2	18.4

TABLE:	384	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	328 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	344 M	S.H.F.:	10.49

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	14.5	48.8	167.8
MERLUCCIUS PRODUCTUS	91.	82.7	277.4	954.6
THERAGRA CHALCOGRAMMA	3.	2.7	9.1	31.5
TOTAL	110.	100.0	335.4	1153.9

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	2.0	6.1	21.0
LEUROGLOSSUS STILBIUS	17.	16.7	51.8	178.3
MERLUCCIUS PRODUCTUS	70.	68.6	213.4	734.3
THERAGRA CHALCOGRAMMA	8.	7.8	24.4	83.9
SCORPAENIDAE(FAMILY)	5.	4.9	15.2	52.5
TOTAL	102.	100.0	311.0	1070.0

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	20.0	3.0	10.5
MERLUCCIUS PRODUCTUS	1.	20.0	3.0	10.5
COTTIDAE(FAMILY)	1.	20.0	3.0	10.5
PLEURONECTIDAE(FAMILY)	1.	20.0	3.0	10.5
ZOARCIDAE(FAMILY)	1.	20.0	3.0	10.5
TOTAL	5.	100.0	15.2	52.5

TABLE: 385
CRUISE: SG 80-11
SAMPLE NO.: 24
DATE: 25/ 5/80
VESSEL: CALIGUS
POSITION: 49 13.8 N 123 44.6 W
GRID POSITION: 66 . 33
BOTTOM DEPTH: 390 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0905 HR
DEPTH OF TOW: 355 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 350 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	16.1	25.7	92.4
MERLUCCIUS PRODUCTUS	47.	83.9	134.3	482.7
TOTAL	56.	100.0	160.0	575.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	16.7	22.9	82.2
MERLUCCIUS PRODUCTUS	39.	81.3	111.4	400.5
SCORPAENIDAE(FAMILY)	1.	2.1	2.9	10.3
TOTAL	48.	100.0	137.1	493.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	69.2	25.7	92.4
MERLUCCIUS PRODUCTUS	1.	7.7	2.9	10.3
GOBIIDAE(FAMILY)	1.	7.7	2.9	10.3
LEUROGLOSSUS STILBIUS	1.	7.7	2.9	10.3
NECTOLIPARIS PELAGICUS	1.	7.7	2.9	10.3
TOTAL	13.	100.0	37.1	133.5

TABLE:	386	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	355 M3
POSITION:	49 16.3 N 123 47.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	371 M	S.H.F.:	10.46

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	18.	90.0	50.7	188.3
THERAGRA CHALCOGRAMMA	2.	10.0	5.6	20.9
TOTAL	20.	100.0	56.3	209.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	23.	20.9	64.8	240.6
MERLUCCIUS PRODUCTUS	85.	77.3	239.4	889.1
SCORPAENIDAE(FAMILY)	2.	1.8	5.6	20.9
TOTAL	110.	100.0	309.9	1150.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	76.9	56.3	209.2
THERAGRA CHALCOGRAMMA	2.	7.7	5.6	20.9
SCORPAENIDAE(FAMILY)	2.	7.7	5.6	20.9
AGONIDAE(FAMILY)	1.	3.8	2.8	10.5
MYCTOPHIDAE(FAMILY)	1.	3.8	2.8	10.5
TOTAL	26.	100.0	73.2	272.0

TABLE:	387	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	357 M3
POSITION:	49 16.6 N 123 50.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	356 M	S.H.F.:	9.99

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.9	2.8	10.0
MERLUCCIUS PRODUCTUS	32.	91.4	89.6	319.7
THERAGRA CHALCOGRAMMA	2.	5.7	5.6	20.0
TOTAL	35.	100.0	98.0	349.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	0.9	2.8	10.0
LEUROGLOSSUS STILBIUS	22.	19.8	61.6	219.8
MERLUCCIUS PRODUCTUS	85.	76.6	238.1	849.1
THERAGRA CHALCOGRAMMA	3.	2.7	8.4	30.0
TOTAL	111.	100.0	310.9	1108.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	94.1	44.8	159.8
NECTOLIPARIS PELAGICUS	1.	5.9	2.8	10.0
TOTAL	17.	100.0	47.6	169.8

TABLE:	388	WIND DIRECTION:	292 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	324 M3
POSITION:	49 19.7 N 123 49.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1145 HR	ALIQUOT:	
		DEPTH OF TOW:	371 M	S.H.F.:	11.44

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	19.4	21.6	80.1
MERLUCCIUS PRODUCTUS	27.	75.0	83.3	308.9
THERAGRA CHALCOGRAMMA	2.	5.6	6.2	22.9
TOTAL	36.	100.0	111.1	411.8

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	33.	30.0	101.9	377.5
MERLUCCIUS PRODUCTUS	74.	67.3	228.4	846.6
SCORPAENIDAE(FAMILY)	3.	2.7	9.3	34.3
TOTAL	110.	100.0	339.5	1258.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	6.2	22.9
TOTAL	2.	100.0	6.2	22.9

TABLE: 389
CRUISE: SG 80-11
SAMPLE NO.: 28
DATE: 25/ 5/80
VESSEL: CALIGUS
POSITION: 49 22.5 N 123 50.4 W
GRID POSITION: 74 . 28
BOTTOM DEPTH: 253 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 6 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1225 HR
DEPTH OF TOW: 216 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 238 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	18.2	25.2	54.4
MERLUCCIUS PRODUCTUS	26.	78.8	109.2	235.6
THERAGRA CHALCOGRAMMA	1.	3.0	4.2	9.1
TOTAL	33.	100.0	138.7	299.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	22.	22.4	92.4	199.3
MERLUCCIUS PRODUCTUS	52.	53.1	218.5	471.1
SCORPAENIDAE(FAMILY)	24.	24.5	100.8	217.4
TOTAL	98.	100.0	411.8	887.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	57.1	16.8	36.2
MERLUCCIUS PRODUCTUS	1.	14.3	4.2	9.1
THERAGRA CHALCOGRAMMA	1.	14.3	4.2	9.1
SCORPAENIDAE(FAMILY)	1.	14.3	4.2	9.1
TOTAL	7.	100.0	29.4	63.4

TABLE:	390	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	152 M3
POSITION:	49 21.9 N 123 46.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	138 M	TIME OF TOW:	1305 HR	ALIQUOT:	
		DEPTH OF TOW:	115 M	S.H.F.:	7.54

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	4.8	6.6	7.5
LEUROGLOSSUS STILBIUS	13.	61.9	85.5	98.0
MERLUCCIUS PRODUCTUS	1.	4.8	6.6	7.5
SCORPAENIDAE(FAMILY)	6.	28.6	39.5	45.2
TOTAL	21.	100.0	138.2	158.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	13.2	15.1
THERAGRA CHALCOGRAMMA	2.	50.0	13.2	15.1
TOTAL	4.	100.0	26.3	30.2

TABLE:	391	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	192 M3
POSITION:	49 21.3 N 123 42.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1340 HR	ALIQUOT:	
		DEPTH OF TOW:	183 M	S.H.F.:	9.53

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	20.0	15.6	28.6
MERLUCCIUS PRODUCTUS	8.	53.3	41.7	76.2
SCORPAENIDAE(FAMILY)	4.	26.7	20.8	38.1
TOTAL	15.	100.0	78.1	142.9

TABLE:	392	WIND DIRECTION:	337 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	197 M3
POSITION:	49 23.2 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	174 M	TIME OF TOW:	1415 HR	ALIQUOT:	
		DEPTH OF TOW:	145 M	S.H.F.:	7.34

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	38.5	25.4	36.7
LEUROGLOSSUS STILBIUS	7.	53.8	35.5	51.4
CYCLOPTERIDAE(FAMILY)	1.	7.7	5.1	7.3
TOTAL	13.	100.0	66.0	95.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	94.1	81.2	117.4
MERLUCCIUS PRODUCTUS	1.	5.9	5.1	7.3
TOTAL	17.	100.0	86.3	124.8

TABLE:	393	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	141 M3
POSITION:	49 22.1 N 123 33.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	115 M	TIME OF TOW:	1550 HR	ALIQUOT:	
		DEPTH OF TOW:	91 M	S.H.F.:	6.49

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	78.6	78.0	71.4
SCORPAENIDAE(FAMILY)	3.	21.4	21.3	19.5
TOTAL	14.	100.0	99.3	90.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	14.2	13.0
THERAGRA CHALCOGRAMMA	2.	50.0	14.2	13.0
TOTAL	4.	100.0	28.4	26.0

TABLE:	394	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	249 M3
POSITION:	49 20.7 N 123 30.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1520 HR	ALIQUOT:	
		DEPTH OF TOW:	163 M	S.H.F.:	6.54

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
THALEICHTHYS PACIFICUS	4.	6.6	16.1	26.2
LEUROGLOSSUS STILBIUS	17.	27.9	68.3	111.2
MERLUCCIUS PRODUCTUS	27.	44.3	108.4	176.6
SCORPAENIDAE(FAMILY)	9.	14.8	36.1	58.9
	4.	6.6	16.1	26.2
TOTAL	61.	100.0	245.0	398.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	100.0	68.3	111.2
TOTAL	17.	100.0	68.3	111.2

TABLE:	395	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	206 M3
POSITION:	49 19.5 N 123 25.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 21	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0800 HR	ALIQUOT:	
		DEPTH OF TOW:	194 M	S.H.F.:	9.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	37.5	14.6	28.3
MERLUCCIUS PRODUCTUS	5.	62.5	24.3	47.2
TOTAL	8.	100.0	38.8	75.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.9	4.9	9.4
THALEICHTHYS PACIFICUS	10.	18.9	48.5	94.3
LEUROGLOSSUS STILBIUS	8.	15.1	38.8	75.4
MERLUCCIUS PRODUCTUS	34.	64.2	165.0	320.6
TOTAL	53.	100.0	257.3	499.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	29.1	56.6
MERLUCCIUS PRODUCTUS	2.	25.0	9.7	18.9
TOTAL	8.	100.0	38.8	75.4

TABLE: 396
CRUISE: SG 80-11
SAMPLE NO.: 35
DATE: 26/ 5/80
VESSEL: CALIGUS
POSITION: 49 17.4 N 123 28.0 W
GRID POSITION: 59 . 24
BOTTOM DEPTH: 160 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 5 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0840 HR
DEPTH OF TOW: 144 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 146 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.91

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	30.8	82.2	118.9
LEUROGLOSSUS STILBIUS	18.	46.2	123.3	178.4
MERLUCCIUS PRODUCTUS	6.	15.4	41.1	59.5
GOBIIDAE(FAMILY)	1.	2.6	6.8	9.9
SCORPAENIDAE(FAMILY)	2.	5.1	13.7	19.8
TOTAL	39.	100.0	267.1	386.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	10.0	6.8	9.9
LEUROGLOSSUS STILBIUS	8.	80.0	54.8	79.3
MERLUCCIUS PRODUCTUS	1.	10.0	6.8	9.9
TOTAL	10.	100.0	68.5	99.1

TABLE:	397	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	169 M3
POSITION:	49 17.7 N 123 31.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	61 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	0905 HR	ALIQUOT:	
		DEPTH OF TOW:	165 M	S.H.F.:	9.76

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	4.8	5.9	9.8
LEUROGLOSSUS STILBIUS	14.	66.7	82.8	136.6
MERLUCCIUS PRODUCTUS	5.	23.8	29.6	48 8
SCORPAENIDAE(FAMILY)	1.	4.8	5.9	9.8
TOTAL	21.	100.0	124.3	205.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	100.0	53.3	87.8
TOTAL	9.	100.0	53.3	87.8

TABLE:	398	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	37	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	49 19.4 N 123 35.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	170 M	TIME OF TOW:	0940 HR	ALIQUOT:	
		DEPTH OF TOW:	149 M	S.H.F.:	7.85

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	22.7	26.3	39.3
LEUROGLOSSUS STILBIUS	13.	59.1	68.4	102.0
MERLUCCIUS PRODUCTUS	1.	4.5	5.3	7.8
THERAGRA CHALCOGRAMMA	1.	4.5	5.3	7.8
SCORPAENIDAE(FAMILY)	2.	9.1	10.5	15.7
TOTAL	22.	100.0	115.8	172.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	42.9	15.8	23.5
MERLUCCIUS PRODUCTUS	3.	42.9	15.8	23.5
THERAGRA CHALCOGRAMMA	1.	14.3	5.3	7.8
TOTAL	7.	100.0	36.8	54.9

TABLE:	399	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	193 M3
POSITION:	49 19.4 N 123 40.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	67 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1020 HR	ALIQUOT:	
		DEPTH OF TOW:	168 M	S.H.F.:	8.71

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	4.3	10.4	17.4
LEUROGLOSSUS STILBIUS	13.	27.7	67.4	113.2
MERLUCCIUS PRODUCTUS	15.	31.9	77.7	130.6
SCORPAENIDAE(FAMILY)	17.	36.2	88.1	148.1
TOTAL	47.	100.0	243.5	409.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	83.3	25.9	43.5
SCORPAENIDAE(FAMILY)	1.	16.7	5.2	8.7
TOTAL	6.	100.0	31.1	52.3

TABLE:	400	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	348 M3
POSITION:	49 18.8 N 123 45.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	285 M	S.H.F.:	8.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	11.0	31.6	90.1
MERLUCCIUS PRODUCTUS	89.	89.0	255.7	728.9
TOTAL	100.	100.0	287.4	819.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.8	2.9	8.2
THALEICHTHYS PACIFICUS	3.	2.5	8.6	24.6
LEUROGLOSSUS STILBIUS	26.	22.0	74.7	212.9
MERLUCCIUS PRODUCTUS	81.	68.6	232.8	663.4
THERAGRA CHALCOGRAMMA	2.	1.7	5.7	16.4
SCORPAENIDAE(FAMILY)	5.	4.2	14.4	40.9
TOTAL	118.	100.0	339.1	966.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	5.0	2.9	8.2
LEUROGLOSSUS STILBIUS	17.	85.0	48.9	139.2
PLEURONECTIDAE(FAMILY)	1.	5.0	2.9	8.2
LEUROGLOSSUS STILBIUS	1.	5.0	2.9	8.2
TOTAL	20.	100.0	57.5	163.8

TABLE:	401	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.3 C	VOL. FILTERED:	340 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	290 M	TIME OF TOW:	1140 HR	ALIQUOT:	
		DEPTH OF TOW:	248 M	S.H.F.:	7.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	8.2	29.4	72.8
MERLUCCIUS PRODUCTUS	112.	91.8	329.4	815.4
TOTAL	122.	100.0	358.8	888.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	7.0	26.5	65.5
LEUROGLOSSUS STILBIUS	28.	21.9	82.4	203.8
MERLUCCIUS PRODUCTUS	85.	66.4	250.0	618.8
SCORPAENIDAE(FAMILY)	6.	4.7	17.6	43.7
TOTAL	128.	100.0	376.5	931.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	83.3	29.4	72.8
MYCTOPHIDAE(FAMILY)	1.	8.3	2.9	7.3
NECTOLIPARIS PELAGICUS	1.	8.3	2.9	7.3
TOTAL	12.	100.0	35.3	87.4

TABLE:	402	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	356 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1215 HR	ALIQUOT:	
		DEPTH OF TOW:	268 M	S.H.F.:	7.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	4.3	14.0	37.7
MERLUCCIUS PRODUCTUS	110.	94.8	309.0	829.4
THERAGRA CHALCOGRAMMA	1.	0.9	2.8	7.5
TOTAL	116.	100.0	325.8	874.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	28.	21.4	78.7	211.1
MERLUCCIUS PRODUCTUS	99.	75.6	278.1	746.5
SCORPAENIDAE(FAMILY)	4.	3.1	11.2	30.2
TOTAL	131.	100.0	368.0	987.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	100.0	2.8	7.5
TOTAL	1.	100.0	2.8	7.5

TABLE:	403	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	368 M3
POSITION:	49 16.6 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1300 HR	ALIQUOT:	
		DEPTH OF TOW:	295 M	S.H.F.:	8.02

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	17.2	13.6	40.1
MERLUCCIUS PRODUCTUS	24.	82.8	65.2	192.5
TOTAL	29.	100.0	78.8	232.6

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	5.5	13.6	40.1
LEUROGLOSSUS STILBIUS	17.	18.7	46.2	136.3
MERLUCCIUS PRODUCTUS	69.	75.8	187.5	553.4
TOTAL	91.	100.0	247.3	729.8

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	80.0	54.3	160.4
THERAGRA CHALCOGRAMMA	1.	4.0	2.7	8.0
SCORPAENIDAE(FAMILY)	3.	12.0	8.2	24.1
ZOARCIDAE(FAMILY)	1.	4.0	2.7	8.0
TOTAL	25.	100.0	67.9	200.5

TABLE:	404
CRUISE:	SG 80-11
SAMPLE NO.:	43
DATE:	26/ 5/80
VESSEL:	CALIGUS
POSITION:	49 14.9 N 123 30.6 W
GRID POSITION:	59 . 27
BOTTOM DEPTH:	320 M

WIND DIRECTION:	0 DEG
WIND VELOCITY:	2 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1350 HR
DEPTH OF TOW:	268 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	321 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	8.34

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	19.6	34.3	91.7
MERLUCCIUS PRODUCTUS	45.	80.4	140.2	375.3
TOTAL	56.	100.0	174.5	467.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	4.4	12.5	33.4
LEUROGLOSSUS STILBIUS	28.	30.8	87.2	233.5
MERLUCCIUS PRODUCTUS	58.	63.7	180.7	483.7
SCORPAENIDAE(FAMILY)	1.	1.1	3.1	8.3
TOTAL	91.	100.0	283.5	758.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	38.5	15.6	41.7
MERLUCCIUS PRODUCTUS	2.	15.4	6.2	16.7
THERAGRA CHALCOGRAMMA	1.	7.7	3.1	8.3
SCORPAENIDAE(FAMILY)	1.	7.7	3.1	8.3
LEUROGLOSSUS STILBIUS	2.	15.4	6.2	16.7
MYCTOPHIDAE(FAMILY)	1.	7.7	3.1	8.3
ZOARCIDAE(FAMILY)	1.	7.7	3.1	8.3
TOTAL	13.	100.0	40.5	108.4

TABLE:	405	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	266 M3
POSITION:	49 16.5 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	253 M	TIME OF TOW:	1440 HR	ALIQUOT:	
		DEPTH OF TOW:	229 M	S.H.F.:	8.62

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	77.	65.8	289.5	663.7
LEUROGLOSSUS STILBIUS	11.	9.4	41.4	94.8
MERLUCCIUS PRODUCTUS	29.	24.8	109.0	250.0
TOTAL	117.	100.0	439.8	1008.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	75.0	45.1	103.4
MERLUCCIUS PRODUCTUS	2.	12.5	7.5	17.2
SCORPAENIDAE(FAMILY)	1.	6.3	3.8	8.6
LEUROGLOSSUS STILBIUS	1.	6.3	3.8	8.6
TOTAL	16.	100.0	60.2	137.9

TABLE:	406	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	26/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	12.4 C	VOL. FILTERED:	201 M3
POSITION:	49 19.0 N 123 20.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 20	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	208 M	TIME OF TOW:	1515 HR	ALIQUOT:	
		DEPTH OF TOW:	191 M	S.H.F.:	9.47

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	5.	27.8	24.9	47.4
THERAGRA CHALCOGRAMMA	13.	72.2	64.7	123.1
TOTAL	18.	100.0	89.6	170.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	138.	84.7	686.6	1306.9
LEUROGLOSSUS STILBIUS	11.	6.7	54.7	104.2
MERLUCCIUS PRODUCTUS	12.	7.4	59.7	113.6
SCORPAENIDAE(FAMILY)	2.	1.2	10.0	18.9
TOTAL	163.	100.0	810.9	1543.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	83.3	24.9	47.4
MERLUCCIUS PRODUCTUS	1.	16.7	5.0	9.5
TOTAL	6.	100.0	29.9	56.8

TABLE:	407	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	46	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	177 M3
POSITION:	49 14.9 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	177 M	S.H.F.:	9.96

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	187.	89.0	1056.5	1862.5
LEUROGLOSSUS STILBIUS	15.	7.1	84.7	149.4
MERLUCCIUS PRODUCTUS	6.	2.9	33.9	59.8
SCORPAENIDAE(FAMILY)	2.	1.0	11.3	19.9
TOTAL	210.	100.0	1186.4	2091.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	64.7	62.1	109.6
MERLUCCIUS PRODUCTUS	3.	17.6	16.9	29.9
THERAGRA CHALCOGRAMMA	2.	11.8	11.3	19.9
COTTIDAE(FAMILY)	1.	5.9	5.6	10.0
TOTAL	17.	100.0	96.0	169.3

TABLE:	408	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	47	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	177 M3
POSITION:	49 11.3 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	154 M	TIME OF TOW:	0935 HR	ALIQUOT:	
		DEPTH OF TOW:	126 M	S.H.F.:	7.11

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	130.	76.0	734.5	924.3
LEUROGLOSSUS STILBIUS	29.	17.0	163.8	206.2
MERLUCCIUS PRODUCTUS	9.	5.3	50.8	64.0
THERAGRA CHALCOGRAMMA	1.	0.6	5.6	7.1
SCORPAENIDAE(FAMILY)	2.	1.2	11.3	14.2
TOTAL	171.	100.0	966.1	1215.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3.	18.8	16.9	21.3
THERAGRA CHALCOGRAMMA	13.	81.3	73.4	92.4
TOTAL	16.	100.0	90.4	113.8

TABLE:	409	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	48	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.7 C	VOL. FILTERED:	278 M3
POSITION:	49 12.9 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	281 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	236 M	S.H.F.:	8.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	6.	100.0	21.6	51.0
TOTAL	6.	100.0	21.6	51.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	21.8	43.2	102.0
LEUROGLOSSUS STILBIUS	22.	40.0	79.1	187.0
MERLUCCIUS PRODUCTUS	21.	38.2	75.5	178.5
TOTAL	55.	100.0	197.8	467.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	81.0	61.2	144.5
MERLUCCIUS PRODUCTUS	2.	9.5	7.2	17.0
SCORPAENIDAE(FAMILY)	2.	9.5	7.2	17.0
TOTAL	21.	100.0	75.5	178.5

TABLE:	410	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	49	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	302 M3
POSITION:	49 11.6 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	288 M	S.H.F.:	9.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3.	100.0	9.9	28.6
TOTAL	3.	100.0	9.9	28.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.9	3.3	9.5
LEUROGLOSSUS STILBIUS	22.	40.7	72.8	209.9
MERLUCCIUS PRODUCTUS	15.	27.8	49.7	143.1
GOBIIDAE(FAMILY)	1.	1.9	3.3	9.5
SCORPAENIDAE(FAMILY)	15.	27.8	49.7	143.1
TOTAL	54.	100.0	178.8	515.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	54.2	43.0	124.0
THERAGRA CHALCOGRAMMA	3.	12.5	9.9	28.6
SCORPAENIDAE(FAMILY)	4.	16.7	13.2	38.2
LEUROGLOSSUS STILBIUS	2.	8.3	6.6	19.1
ZOARCIDAE(FAMILY)	1.	4.2	3.3	9.5
NECTOLIPARIS PELAGICUS	1.	4.2	3.3	9.5
TOTAL	24.	100.0	79.5	229.0

TABLE:	411	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	50	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	247 M3
POSITION:	49 9.9 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	242 M	TIME OF TOW:	1215 HR	ALIQUOT:	
		DEPTH OF TOW:	207 M	S.H.F.:	8.41

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	4.5	4.0	8.4
LEUROGLOSSUS STILBIUS	13.	59.1	52.6	109.3
MERLUCCIUS PRODUCTUS	5.	22.7	20.2	42.0
GOBIIDAE(FAMILY)	1.	4.5	4.0	8.4
SCORPAENIDAE(FAMILY)	2.	9.1	8.1	16.8
TOTAL	22.	100.0	89.1	185.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	60.9	56.7	117.7
MERLUCCIUS PRODUCTUS	2.	8.7	8.1	16.8
THERAGRA CHALCOGRAMMA	6.	26.1	24.3	50.5
CYCLOPTERIDAE(FAMILY)	1.	4.3	4.0	8.4
TOTAL	23.	100.0	93.1	193.4

TABLE:	412	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	51	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	221 M3
POSITION:	49 6.3 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	252 M	TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	10.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	19.0	18.1	40.7
MERLUCCIUS PRODUCTUS	15.	71.4	67.9	152.6
THERAGRA CHALCOGRAMMA	2.	9.5	9.0	20.3
TOTAL	21.	100.0	95.0	213.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	98.	76.0	443.4	996.7
LEUROGLOSSUS STILBIUS	6.	4.7	27.1	61.0
MERLUCCIUS PRODUCTUS	18.	14.0	81.4	183.1
GOBIIDAE(FAMILY)	1.	0.8	4.5	10.2
SCORPAENIDAE(FAMILY)	6.	4.7	27.1	61.0
TOTAL	129.	100.0	583.7	1311.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	50.0	22.6	50.9
STICHAEIDAE(FAMILY)	1.	10.0	4.5	10.2
SCORPAENIDAE(FAMILY)	3.	30.0	13.6	30.5
CYCLOPTERIDAE(FAMILY)	1.	10.0	4.5	10.2
TOTAL	10.	100.0	45.2	101.7

TABLE:	413	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	52	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	222 M3
POSITION:	49 3.8 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	212 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	195 M	S.H.F.:	8.80

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.5	9.0	17.6
THALEICHTHYS PACIFICUS	410.	95.8	1846.8	3608.0
LEUROGLOSSUS STILBIUS	13.	3.0	58.6	114.4
MERLUCCIUS PRODUCTUS	3.	0.7	13.5	26.4
TOTAL	428.	100.0	1927.9	3766.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	55.6	45.0	88.0
MERLUCCIUS PRODUCTUS	8.	44.4	36.0	70.4
TOTAL	18.	100.0	81.1	158.4

TABLE:	414	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	53	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	176 M3
POSITION:	49 2.7 N 123 19.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	159 M	S.H.F.:	9.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.2	5.7	9.1
LEUROGLOSSUS STILBIUS	15.	33.3	85.2	135.9
MERLUCCIUS PRODUCTUS	24.	53.3	136.4	217.4
THERAGRA CHALCOGRAMMA	5.	11.1	28.4	45.3
TOTAL	45.	100.0	255.7	407.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	21.4	51.1	81.5
LEUROGLOSSUS STILBIUS	9.	21.4	51.1	81.5
MERLUCCIUS PRODUCTUS	22.	52.4	125.0	199.3
GOBIIDAE(FAMILY)	1.	2.4	5.7	9.1
SCORPAENIDAE(FAMILY)	1.	2.4	5.7	9.1
TOTAL	42.	100.0	238.6	380.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	42.9	34.1	54.4
MERLUCCIUS PRODUCTUS	3.	21.4	17.0	27.2
THERAGRA CHALCOGRAMMA	3.	21.4	17.0	27.2
SCORPAENIDAE(FAMILY)	2.	14.3	11.4	18.1
TOTAL	14.	100.0	79.5	126.8

TABLE:	415	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	54	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	136 M3
POSITION:	49 1.6 N 123 16.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	44 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1530 HR	ALIQUOT:	
		DEPTH OF TOW:	121 M	S.H.F.:	8.92

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	11.	5.0	80.9	98.1
THALEICHTHYS PACIFICUS	196.	88.7	1441.2	1748.3
LEUROGLOSSUS STILBIUS	13.	5.9	95.6	116.0
SCORPAENIDAE(FAMILY)	1.	0.5	7.4	8.9
TOTAL	221.	100.0	1625.0	1971.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	33.3	22.1	26.8
LEUROGLOSSUS STILBIUS	2.	22.2	14.7	17.8
MERLUCCIUS PRODUCTUS	1.	11.1	7.4	8.9
THERAGRA CHALCOGRAMMA	1.	11.1	7.4	8.9
PLEURONECTIDAE(FAMILY)	2.	22.2	14.7	17.8
TOTAL	9.	100.0	66.2	80.3

TABLE:	416	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	55	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	152 M3
POSITION:	48 58.2 N 123 14.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	41 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	14C M	TIME OF TOW:	1610 HR	ALIQUOT:	
		DEPTH OF TOW:	130 M	S.H.F.:	8.57

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	37.5	39.5	51.4
THALEICHTHYS PACIFICUS	5.	31.3	32.9	42.8
LEUROGLOSSUS STILBIUS	4.	25.0	26.3	34.3
MERLUCCIUS PRODUCTUS	1.	6.3	6.6	8.6
TOTAL	16.	100.0	105.3	137.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	60.0	19.7	25.7
LEUROGLOSSUS STILBIUS	1.	20.0	6.6	8.6
SCORPAENIDAE(FAMILY)	1.	20.0	6.6	8.6
TOTAL	5.	100.0	32.9	42.8

TABLE: 417
CRUISE: SG 80-11
SAMPLE NO.: 56
DATE: 27/ 5/80
VESSEL: CALIGUS
POSITION: 48 56.5 N 123 10.9 W
GRID POSITION: 38 . 35
BOTTOM DEPTH: 121 M

WIND DIRECTION: 113 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1645 HR
DEPTH OF TOW: 108 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 129 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.38

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	10.	18.9	77.5	83.8
THALEICHTHYS PACIFICUS	37.	69.8	286.8	310.1
LEUROGLOSSUS STILBIUS	2.	3.8	15.5	16.8
MERLUCCIUS PRODUCTUS	4.	7.5	31.0	33.5
TOTAL	53.	100.0	410.9	444.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	50.0	7.8	8.4
PLEURONECTIDAE(FAMILY)	1.	50.0	7.8	8.4
TOTAL	2.	100.0	15.5	16.8

TABLE:	418	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	57	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	126 M3
POSITION:	48 56.3 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	113 M	TIME OF TOW:	1715 HR	ALIQUOT:	
		DEPTH OF TOW:	98 M	S.H.F.:	7.75

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	1.6	47.6	46.5
THALEICHTHYS PACIFICUS	348.	94.3	2761.9	2697.0
LEUROGLOSSUS STILBIUS	1.	0.3	7.9	7.8
MERLUCCIUS PRODUCTUS	10.	2.7	79.4	77.5
SCORPAENIDAE(FAMILY)	2.	0.5	15.9	15.5
PLEURONECTIDAE(FAMILY)	2.	0.5	15.9	15.5
TOTAL	369.	100.0	2928.6	2859.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	100.0	7.9	7.8
TOTAL	1.	100.0	7.9	7.8

TABLE:	419	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	58	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	48 53.8 N 123 4.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	126 M	TIME OF TOW:	0605 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	7.52

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	55.	68.8	387.3	413.6
LEUROGLOSSUS STILBIUS	10.	12.5	70.4	75.2
MERLUCCIUS PRODUCTUS	3.	3.8	21.1	22.6
GOBIIDAE(FAMILY)	1.	1.3	7.0	7.5
SCORPAENIDAE(FAMILY)	9.	11.3	63.4	67.7
COTTIDAE(FAMILY)	1.	1.3	7.0	7.5
PLEURONECTIDAE(FAMILY)	1.	1.3	7.0	7.5
TOTAL	80.	100.0	563.4	601.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	25.0	7.0	7.5
THERAGRA CHALCOGRAMMA	1.	25.0	7.0	7.5
COTTIDAE(FAMILY)	1.	25.0	7.0	7.5
PLEURONECTIDAE(FAMILY)	1.	25.0	7.0	7.5
TOTAL	4.	100.0	28.2	30.1

TABLE:	420	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	59	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	126 M3
POSITION:	48 52.1 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	0630 HR	ALIQUOT:	
		DEPTH OF TOW:	119 M	S.H.F.:	9.45

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	14.3	47.6	56.7
THALEICHTHYS PACIFICUS	28.	66.7	222.2	264.6
LEUROGLOSSUS STILBIUS	3.	7.1	23.8	28.4
MERLUCCIUS PRODUCTUS	1.	2.4	7.9	9.4
SCORPAENIDAE(FAMILY)	4.	9.5	31.7	37.8
TOTAL	42.	100.0	333.3	396.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	25.0	7.9	9.4
MERLUCCIUS PRODUCTUS	1.	25.0	7.9	9.4
THERAGRA CHALCOGRAMMA	1.	25.0	7.9	9.4
PLEURONECTIDAE(FAMILY)	1.	25.0	7.9	9.4
TOTAL	4.	100.0	31.7	37.8

TABLE:	421	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	60	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	48 51.8 N 123 2.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	205 M	TIME OF TOW:	0655 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	9.76

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	10.0	16.2	29.3
THALEICHTHYS PACIFICUS	15.	50.0	81.1	146.4
LEUROGLOSSUS STILBIUS	6.	20.0	32.4	58.6
MERLUCCIUS PRODUCTUS	1.	3.3	5.4	9.8
SCORPAENIDAE(FAMILY)	5.	16.7	27.0	48.8
TOTAL	30.	100.0	162.2	292.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	16.7	5.4	9.8
MERLUCCIUS PRODUCTUS	1.	16.7	5.4	9.8
SCORPAENIDAE(FAMILY)	1.	16.7	5.4	9.8
PLEURONECTIDAE(FAMILY)	3.	50.0	16.2	29.3
TOTAL	6.	100.0	32.4	58.6

TABLE:	422	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	61	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	141 M3
POSITION:	48 54.3 N 123 0.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	149 M	TIME OF TOW:	0740 HR	ALIQUOT:	
		DEPTH OF TOW:	133 M	S.H.F.:	9.41

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	32.	80.0	227.0	301.1
LEUROGLOSSUS STILBIUS	1.	2.5	7.1	9.4
MERLUCCIUS PRODUCTUS	3.	7.5	21.3	28.2
SCORPAENIDAE(FAMILY)	4.	10.0	28.4	37.6
TOTAL	40.	100.0	283.7	376.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	7.1	9.4
SCORPAENIDAE(FAMILY)	1.	33.3	7.1	9.4
COTTIDAE(FAMILY)	1.	33.3	7.1	9.4
TOTAL	3.	100.0	21.3	28.2

TABLE:	423	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	62	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	129 M3
POSITION:	48 54.0 N 122 56.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	112 M	TIME OF TOW:	0800 HR	ALIQUOT:	
		DEPTH OF TOW:	105 M	S.H.F.:	8.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	50.0	7.8	8.2
MERLUCCIUS PRODUCTUS	1.	50.0	7.8	8.2
TOTAL	2.	100.0	15.5	16.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	112.	85.5	868.2	916.2
LEUROGLOSSUS STILBIUS	7.	5.3	54.3	57.3
MERLUCCIUS PRODUCTUS	9.	6.9	69.8	73.6
SCORPAENIDAE(FAMILY)	3.	2.3	23.3	24.5
TOTAL	131.	100.0	1015.5	1071.6

TABLE:	424	WIND DIRECTION:	90 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	63	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	48 52.3 N 122 55.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	0820 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	7.22

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.2	13.5	14.4
CLUPEA HARENGUS	3.	1.7	20.3	21.7
THALEICHTHYS PACIFICUS	153.	88.4	1033.8	1104.7
LEUROGLOSSUS STILBIUS	6.	3.5	40.5	43.3
MERLUCCIUS PRODUCTUS	3.	1.7	20.3	21.7
THERAGRA CHALCOGRAMMA	1.	0.6	6.8	7.2
SCORPAENIDAE(FAMILY)	5.	2.9	33.8	36.1
TOTAL	173.	100.0	1168.9	1249.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	6.8	7.2
ARTEDIUS LATERALIS	1.	50.0	6.8	7.2
TOTAL	2.	100.0	13.5	14.4

TABLE:	425	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	64	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	220 M3
POSITION:	48 51.7 N 122 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	197 M	S.H.F.:	8.96

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	41.7	22.7	44.8
MERLUCCIUS PRODUCTUS	4.	33.3	18.2	35.8
SCORPAENIDAE(FAMILY)	3.	25.0	13.6	26.9
TOTAL	12.	100.0	54.5	107.5

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	4.5	9.0
TOTAL	1.	100.0	4.5	9.0

TABLE:	426	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	65	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	238 M3
POSITION:	48 50.0 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0910 HR	ALIQUOT:	
		DEPTH OF TOW:	181 M	S.H.F.:	7.63

LARVAE

PISCES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	3.4	4.2	7.6
THALEICHTHYS PACIFICUS	2.	6.9	8.4	15.3
LEUROGLOSSUS STILBIUS	10.	34.5	42.0	76.3
MERLUCCIUS PRODUCTUS	7.	24.1	29.4	53.4
SCORPAENIDAE(FAMILY)	6.	20.7	25.2	45.8
PLEURONECTIDAE(FAMILY)	2.	6.9	8.4	15.3
	1.	3.4	4.2	7.6
TOTAL	29.	100.0	121.8	221.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	100.0	4.2	7.6
TOTAL	1.	100.0	4.2	7.6

TABLE:	427	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	66	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	180 M	TIME OF TOW:	0945 HR	ALIQUOT:	
		DEPTH OF TOW:	158 M	S.H.F.:	8.29

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.8	5.3	8.3
CLUPEA HARENGUS	1.	0.8	5.3	8.3
THALEICHTHYS PACIFICUS	105.	78.9	552.6	870.5
LEUROGLOSSUS STILBIUS	17.	12.8	89.5	140.9
MERLUCCIUS PRODUCTUS	4.	3.0	21.1	33.2
SCORPAENIDAE(FAMILY)	5.	3.8	26.3	41.5
TOTAL	133.	100.0	700.0	1102.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	16.7	5.3	8.3
MERLUCCIUS PRODUCTUS	1.	16.7	5.3	8.3
THERAGRA CHALCOGRAMMA	2.	33.3	10.5	16.6
SCORPAENIDAE(FAMILY)	1.	16.7	5.3	8.3
PLEURONECTIDAE(FAMILY)	1.	16.7	5.3	8.3
TOTAL	6.	100.0	31.6	49.7

TABLE:	428	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	67	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	214 M3
POSITION:	48 48.5 N 122 55.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	8.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	4.7	8.1
TOTAL	1.	100.0	4.7	8.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	55.6	23.4	40.5
LEUROGLOSSUS STILBIUS	1.	11.1	4.7	8.1
SCORPAENIDAE(FAMILY)	3.	33.3	14.0	24.3
TOTAL	9.	100.0	42.1	72.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	20.0	4.7	8.1
AMMODYTES HEXAPTERUS	1.	20.0	4.7	8.1
GOBIIDAE(FAMILY)	1.	20.0	4.7	8.1
SCORPAENIDAE(FAMILY)	1.	20.0	4.7	8.1
COTTIDAE(FAMILY)	1.	20.0	4.7	8.1
TOTAL	5.	100.0	23.4	40.5

TABLE:	429	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	68	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	13.1 C	VOL. FILTERED:	196 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	217 M	S.H.F.:	11.05

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	36.4	40.8	88.4
LEUROGLOSSUS STILBIUS	9.	40.9	45.9	99.5
THERAGRA CHALCOGRAMMA	1.	4.5	5.1	11.1
SCORPAENIDAE(FAMILY)	4.	18.2	20.4	44.2
TOTAL	22.	100.0	112.2	243.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
SCORPAENIDAE(FAMILY)	1.	50.0	5.1	11.1
PLEURONECTIDAE(FAMILY)	1.	50.0	5.1	11.1
TOTAL	2.	100.0	10.2	22.1

TABLE:	430	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	69	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	219 M3
POSITION:	48 49.3 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	216 M	TIME OF TOW:	1115 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	8.53

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	7.	7.4	32.0	59.7
THALEICHTHYS PACIFICUS	76.	80.0	347.0	648.3
LEUROGLOSSUS STILBIUS	3.	3.2	13.7	25.6
MERLUCCIUS PRODUCTUS	6.	6.3	27.4	51.2
GOBIIDAE(FAMILY)	1.	1.1	4.6	8.5
SCORPAENIDAE(FAMILY)	2.	2.1	9.1	17.1
TOTAL	95.	100.0	433.8	810.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
COTTIDAE(FAMILY)	1.	50.0	4.6	8.5
CYCLOPTERIDAE(FAMILY)	1.	50.0	4.6	8.5
TOTAL	2.	100.0	9.1	17.1

TABLE: 431
CRUISE: SG 80-11
SAMPLE NO.: 70
DATE: 28/ 5/80
VESSEL: CALIGUS
POSITION: 48 48.6 N 123 2.5 W
GRID POSITION: 29 . 38
BOTTOM DEPTH: 203 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1145 HR
DEPTH OF TOW: 176 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 171 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.28

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	15.	57.7	87.7	154.2
MERLUCCIUS PRODUCTUS	6.	23.1	35.1	61.7
THERAGRA CHALCOGRAMMA	1.	3.8	5.8	10.3
SCORPAENIDAE(FAMILY)	1.	3.8	5.8	10.3
	3.	11.5	17.5	30.8
TOTAL	26.	100.0	152.0	267.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	17.5	30.8
SCORPAENIDAE(FAMILY)	1.	25.0	5.8	10.3
TOTAL	4.	100.0	23.4	41.1

TABLE:	432	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	71	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	195 M3
POSITION:	48 49.7 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	190 M	TIME OF TOW:	1210 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	8.51

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	5.2	15.4	25.5
THALEICHTHYS PACIFICUS	37.	63.8	189.7	314.9
LEUROGLOSSUS STILBIUS	15.	25.9	76.9	127.7
SCORPAENIDAE(FAMILY)	3.	5.2	15.4	25.5
TOTAL	58.	100.0	297.4	493.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	12.5	10.3	17.0
LEUROGLOSSUS STILBIUS	10.	62.5	51.3	85.1
MERLUCCIUS PRODUCTUS	1.	6.3	5.1	8.5
SCORPAENIDAE(FAMILY)	1.	6.3	5.1	8.5
COTTIDAE(FAMILY)	1.	6.3	5.1	8.5
PHOLIDAE(FAMILY)	1.	6.3	5.1	8.5
TOTAL	16.	100.0	82.1	136.2

TABLE:	433	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	72	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	145 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	141 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	126 M	S.H.F.:	8.67

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	4.6	20.7	26.0
THALEICHTHYS PACIFICUS	31.	47.7	213.8	268.8
LEUROGLOSSUS STILBIUS	17.	26.2	117.2	147.4
MERLUCCIUS PRODUCTUS	5.	7.7	34.5	43.4
THERAGRA CHALCOGRAMMA	3.	4.6	20.7	26.0
SCORPAENIDAE(FAMILY)	6.	9.2	41.4	52.0
TOTAL	65.	100.0	448.3	563.6

TABLE:	434	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	73	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	197 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	193 M	TIME OF TOW:	1305 HR	ALIQUOT:	
		DEPTH OF TOW:	147 M	S.H.F.:	7.49

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	5.1	7.5
TOTAL	1.	100.0	5.1	7.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	14.	51.9	71.[illegible]	104.9
LEUROGLOSSUS STILBIUS	9.	33.3	45.7	67.4
MERLUCCIUS PRODUCTUS	3.	11.1	15.2	22.5
GOBIIDAE(FAMILY)	1.	3.7	5.1	7.5
TOTAL	27.	100.0	137.1	202.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	30.5	44.9
MERLUCCIUS PRODUCTUS	1.	12.5	5.1	7.5
COTTIDAE(FAMILY)	1.	12.5	5.1	7.5
TOTAL	8.	100.0	40.6	59.9

TABLE:	435	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	74	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	222 M3
POSITION:	48 52.3 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	37 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	191 M	TIME OF TOW:	1335 HR	ALIQUOT:	
		DEPTH OF TOW:	154 M	S.H.F.:	6.92

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	17.6	13.5	20.8
THALEICHTHYS PACIFICUS	3.	17.6	13.5	20.8
LEUROGLOSSUS STILBIUS	5.	29.4	22.5	34.6
MERLUCCIUS PRODUCTUS	5.	29.4	22.5	34.6
SCORPAENIDAE(FAMILY)	1.	5.9	4.5	6.9
TOTAL	17.	100.0	76.6	117.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	84.2	72.1	110.7
MERLUCCIUS PRODUCTUS	2.	10.5	9.0	13.8
SCORPAENIDAE(FAMILY)	1.	5.3	4.5	6.9
TOTAL	19.	100.0	85.6	131.5

TABLE:	436	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	75	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	28/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	200 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	8.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	5.0	8.0
TOTAL	1.	100.0	5.0	8.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	5.9	5.0	8.0
LEUROGLOSSUS STILBIUS	9.	52.9	45.0	72.3
MERLUCCIUS PRODUCTUS	5.	29.4	25.0	40.1
GOBIIDAE(FAMILY)	1.	5.9	5.0	8.0
SCORPAENIDAE(FAMILY)	1.	5.9	5.0	8.0
TOTAL	17.	100.0	85.0	136.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	15.0	24.1
TOTAL	3.	100.0	15.0	24.1

TABLE:	437	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	76	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	143 M3
POSITION:	48 53.8 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	0555 HR	ALIQUOT:	
		DEPTH OF TOW:	110 M	S.H.F.:	7.72

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	7.0	7.7
TOTAL	1.	100.0	7.0	7.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	14.	18.2	97.9	108.1
THALEICHTHYS PACIFICUS	61.	79.2	426.6	470.9
GOBIIDAE(FAMILY)	1.	1.3	7.0	7.7
SCORPAENIDAE(FAMILY)	1.	1.3	7.0	7.7
TOTAL	77.	100.0	538.5	594.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
SCORPAENIDAE(FAMILY)	1.	33.3	7.0	7.7
COTTIDAE(FAMILY)	1.	33.3	7.0	7.7
CYCLOPTERIDAE(FAMILY)	1.	33.3	7.0	7.7
TOTAL	3.	100.0	21.0	23.2

TABLE:	438	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	77	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	154 M3
POSITION:	48 56.0 N 123 15.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	152 M	TIME OF TOW:	0640 HR	ALIQUOT:	
		DEPTH OF TOW:	123 M	S.H.F.:	7.95

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	71.	78.9	461.0	564.5
LEUROGLOSSUS STILBIUS	14.	15.6	90.9	111.3
MERLUCCIUS PRODUCTUS	4.	4.4	26.0	31.8
SCORPAENIDAE(FAMILY)	1.	1.1	6.5	7.9
TOTAL	90.	100.0	584.4	715.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	71.4	32.5	39.8
THERAGRA CHALCOGRAMMA	1.	14.3	6.5	7.9
PLEURONECTIDAE(FAMILY)	1.	14.3	6.5	7.9
TOTAL	7.	100.0	45.5	55.7

TABLE:	439	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	78	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	187 M3
POSITION:	48 57.7 N 123 18.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	187 M	TIME OF TOW:	0710 HR	ALIQUOT:	
		DEPTH OF TOW:	153 M	S.H.F.:	8.21

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	80.0	21.4	32.8
MERLUCCIUS PRODUCTUS	1.	20.0	5.3	8.2
TOTAL	5.	100.0	26.7	41.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	31.6	64.2	98.5
LEUROGLOSSUS STILBIUS	12.	31.6	64.2	98.5
MERLUCCIUS PRODUCTUS	12.	31.6	64.2	98.5
SCORPAENIDAE(FAMILY)	2.	5.3	10.7	16.4
TOTAL	38.	100.0	203.2	312.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	60.0	16.0	24.6
THERAGRA CHALCOGRAMMA	2.	40.0	10.7	16.4
TOTAL	5.	100.0	26.7	41.1

TABLE:	440	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	79	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	48 55.6 N 123 21.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	188 M	TIME OF TOW:	0740 HR	ALIQUOT:	
		DEPTH OF TOW:	164 M	S.H.F.:	8.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	5.4	8.8
TOTAL	1.	100.0	5.4	8.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.7	5.4	8.8
THALEICHTHYS PACIFICUS	4.	14.8	21.6	35.4
LEUROGLOSSUS STILBIUS	14.	51.9	75.7	123.8
MERLUCCIUS PRODUCTUS	7.	25.9	37.8	61.9
SCORPAENIDAE(FAMILY)	1.	3.7	5.4	8.8
TOTAL	27.	100.0	145.9	238.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	10.8	17.7
THERAGRA CHALCOGRAMMA	1.	25.0	5.4	8.8
SCORPAENIDAE(FAMILY)	1.	25.0	5.4	8.8
TOTAL	4.	100.0	21.6	35.4

TABLE:	441	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	48 57.7 N 123 24.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	197 M	TIME OF TOW:	0810 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	8.76

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	12.5	10.6	17.5
LEUROGLOSSUS STILBIUS	8.	50.0	42.3	70.1
MERLUCCIUS PRODUCTUS	5.	31.3	26.5	43.8
SCORPAENIDAE(FAMILY)	1.	6.3	5.3	8.8
TOTAL	16.	100.0	84.7	140.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	55.6	26.5	43.8
MERLUCCIUS PRODUCTUS	2.	22.2	10.6	17.5
THERAGRA CHALCOGRAMMA	1.	11.1	5.3	8.8
SCORPAENIDAE(FAMILY)	1.	11.1	5.3	8.8
TOTAL	9.	100.0	47.6	78.8

TABLE:	442	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	81	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	248 M3
POSITION:	49 0.2 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	238 M	TIME OF TOW:	0850 HR	ALIQUOT:	
		DEPTH OF TOW:	205 M	S.H.F.:	8.26

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.2	4.0	8.3
LEUROGLOSSUS STILBIUS	15.	33.3	60.5	123.9
MERLUCCIUS PRODUCTUS	24.	53.3	96.8	198.2
THERAGRA CHALCOGRAMMA	5.	11.1	20.2	41.3
TOTAL	45.	100.0	181.5	371.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	21.4	36.3	74.3
LEUROGLOSSUS STILBIUS	9.	21.4	36.3	74.3
MERLUCCIUS PRODUCTUS	22.	52.4	88.7	181.7
GOBIIDAE(FAMILY)	1.	2.4	4.0	8.3
SCORPAENIDAE(FAMILY)	1.	2.4	4.0	8.3
TOTAL	42.	100.0	169.4	346.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	42.9	24.2	49.6
MERLUCCIUS PRODUCTUS	3.	21.4	12.1	24.8
THERAGRA CHALCOGRAMMA	3.	21.4	12.1	24.8
SCORPAENIDAE(FAMILY)	2.	14.3	8.1	16.5
TOTAL	14.	100.0	56.5	115.6

TABLE:	443	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	82	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	11.9 C	VOL. FILTERED:	292 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	308 M	TIME OF TOW:	0935 HR	ALIQUOT:	
		DEPTH OF TOW:	270 M	S.H.F.:	9.24

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	18.8	10.3	27.7
MERLUCCIUS PRODUCTUS	13.	81.3	44.5	120.1
TOTAL	16.	100.0	54.8	147.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	8.	4.0	27.4	73.9
LEUROGLOSSUS STILBIUS	15.	7.5	51.4	138.6
MERLUCCIUS PRODUCTUS	15.	7.5	51.4	138.6
SCORPAENIDAE(FAMILY)	160.	80.4	547.9	1478.4
PLEURONECTIDAE(FAMILY)	1.	0.5	3.4	9.2
TOTAL	199.	100.0	681.5	1838.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	61.5	27.4	73.9
THERAGRA CHALCOGRAMMA	1.	7.7	3.4	9.2
SCORPAENIDAE(FAMILY)	1.	7.7	3.4	9.2
LEUROGLOSSUS STILBIUS	2.	15.4	6.8	18.5
NECTOLIPARIS PELAGICUS	1.	7.7	3.4	9.2
TOTAL	13.	100.0	44.5	120.1

TABLE:	444	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	83	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	213 M3
POSITION:	49 0.2 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	49 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	208 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	199 M	S.H.F.:	9.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	14.3	9.4	18.7
MERLUCCIUS PRODUCTUS	10.	71.4	46.9	93.5
THERAGPA CHALCOGRAMMA	2.	14.3	9.4	18.7
TOTAL	14.	100.0	65.7	130.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.8	4.7	9.4
THALEICHTHYS PACIFICUS	34.	60.7	159.6	317.9
LEUROGLOSSUS STILBIUS	8.	14.3	37.6	74.8
MERLUCCIUS PRODUCTUS	9.	16.1	42.3	84.2
GOBIIDAE(FAMILY)	2.	3.6	9.4	18.7
SCORPAENIDAE(FAMILY)	2.	3.6	9.4	18.7
TOTAL	56.	100.0	262.9	523.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	7.1	4.7	9.4
LEUROGLOSSUS STILBIUS	4.	28.6	18.8	37.4
MERLUCCIUS PRODUCTUS	1.	7.1	4.7	9.4
THERAGRA CHALCOGRAMMA	2.	14.3	9.4	18.7
PHYTICHTHYS CHIRUS	6.	42.9	28.2	56.1
TOTAL	14.	100.0	65.7	130.9

TABLE:	445	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	84	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	194 M3
POSITION:	49 1.9 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	237 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	217 M	S.H.F.:	11.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	7.4	10.3	22.4
LEUROGLOSSUS STILBIUS	1.	3.7	5.2	11.2
MERLUCCIUS PRODUCTUS	23.	85.2	118.6	257.4
THERAGRA CHALCOGRAMMA	1.	3.7	5.2	11.2
TOTAL	27.	100.0	139.2	302.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.7	5.2	11.2
THALEICHTHYS PACIFICUS	43.	71.7	221.6	481.2
LEUROGLOSSUS STILBIUS	9.	15.0	46.4	100.7
MERLUCCIUS PRODUCTUS	7.	11.7	36.1	78.3
TOTAL	60.	100.0	309.3	671.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	62.5	25.8	55.9
MERLUCCIUS PRODUCTUS	1.	12.5	5.2	11.2
THERAGRA CHALCOGRAMMA	2.	25.0	10.3	22.4
TOTAL	8.	100.0	41.2	89.5

TABLE:	446	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	85	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	288 M	TIME OF TOW:	1140 HR	ALIQUOT:	
		DEPTH OF TOW:	274 M	S.H.F.:	11.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	28.	100.0	114.8	314.2
TOTAL	28.	100.0	114.8	314.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	7.	4.0	28.7	78.5
THALEICHTHYS PACIFICUS	119.	68.8	487.7	1335.2
LEUROGLOSSUS STILBIUS	11.	6.4	45.1	123.4
MERLUCCIUS PRODUCTUS	31.	17.9	127.0	347.8
THERAGRA CHALCOGRAMMA	3.	1.7	12.3	33.7
SCORPAENIDAE(FAMILY)	1.	0.6	4.1	11.2
PLEURONECTIDAE(FAMILY)	1.	0.6	4.1	11.2
TOTAL	173.	100.0	709.0	1941.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	50.0	4.1	11.2
NECTOLIPARIS PELAGICUS	1.	50.0	4.1	11.2
TOTAL	2.	100.0	8.2	22.4

TABLE:	447	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	86	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	328 M3
POSITION:	49 8.3 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	336 M	TIME OF TOW:	1230 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	9.32

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	8.3	6.1	18.6
MERLUCCIUS PRODUCTUS	22.	91.7	67.1	205.0
TOTAL	24.	100.0	73.2	223.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.3	3.0	9.3
THALEICHTHYS PACIFICUS	27.	35.5	82.3	251.6
LEUROGLOSSUS STILBIUS	16.	21.1	48.8	149.1
MERLUCCIUS PRODUCTUS	32.	42.1	97.6	298.2
TOTAL	76.	100.0	231.7	708.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	33.3	6.1	18.6
MERLUCCIUS PRODUCTUS	2.	33.3	6.1	18.6
THERAGRA CHALCOGRAMMA	1.	16.7	3.0	9.3
SCORPAENIDAE(FAMILY)	1.	16.7	3.0	9.3
TOTAL	6.	100.0	18.3	55.9

TABLE:	448	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	87	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	141 M3
POSITION:	49 7.7 N 123 36.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	163 M	TIME OF TOW:	1325 HR	ALIQUOT:	
		DEPTH OF TOW:	150 M	S.H.F.:	10.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	7.1	10.7
- TOTAL	1.	100.0	7.1	10.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	16.7	35.5	53.4
LEUROGLOSSUS STILBIUS	10.	33.3	70.9	106.8
MERLUCCIUS PRODUCTUS	7.	23.3	49.6	74.8
THERAGRA CHALCOGRAMMA	1.	3.3	7.1	10.7
SCORPAENIDAE(FAMILY)	7.	23.3	49.6	74.8
TOTAL	30.	100.0	212.8	320.4

TABLE:	449	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	88	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	307 M3
POSITION:	49 11.6 N 123 34.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	360 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	319 M	S.H.F.:	10.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	12.	100.0	39.1	124.4
TOTAL	12.	100.0	39.1	124.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	31.3	32.6	103.7
MERLUCCIUS PRODUCTUS	20.	62.5	65.1	207.4
SCORPAENIDAE(FAMILY)	2.	6.3	6.5	20.7
TOTAL	32.	100.0	104.2	331.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	40.0	6.5	20.7
THERAGRA CHALCOGRAMMA	3.	60.0	9.8	31.1
TOTAL	5.	100.0	16.3	51.9

TABLE:	450	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	89	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	266 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	377 M	TIME OF TOW:	1550 HR	ALIQUOT:	
		DEPTH OF TOW:	346 M	S.H.F.:	13.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
MERLUCCIUS PRODUCTUS	1.	3.6	3.8	13.0
THERAGRA CHALCOGRAMMA	26.	92.9	97.7	338.5
	1.	3.6	3.8	13.0
TOTAL	28.	100.0	105.3	364.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	25.6	37.6	130.2
MERLUCCIUS PRODUCTUS	24.	61.5	90.2	312.5
SCORPAENIDAE(FAMILY)	5.	12.8	18.8	65.1
TOTAL	39.	100.0	146.6	507.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	66.7	15.0	52.1
MERLUCCIUS PRODUCTUS	1.	16.7	3.8	13.0
ZOARCIDAE(FAMILY)	1.	16.7	3.8	13.0
TOTAL	6.	100.0	22.6	78.1

TABLE:	451	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-11	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	90	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 5/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	13.6 C	VOL. FILTERED:	166 M3
POSITION:	49 10.0 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	168 M	TIME OF TOW:	1650 HR	ALIQUOT:	
		DEPTH OF TOW:	152 M	S.H.F.:	9.12

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	6.0	9.1
TOTAL	1.	100.0	6.0	9.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	57.1	48.2	73.0
MERLUCCIUS PRODUCTUS	5.	35.7	30.1	45.6
SCORPAENIDAE(FAMILY)	1.	7.1	6.0	9.1
TOTAL	14.	100.0	84.3	127.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	85.7	36.1	54.7
PLEURONECTIDAE(FAMILY)	1.	14.3	6.0	9.1
TOTAL	7.	100.0	42.2	63.8

TABLE:	452	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	176 M3
POSITION:	49 13.3 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	198 M	TIME OF TOW:	0700 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	9.84

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	30.8	22.7	39.4
SCORPAENIDAE(FAMILY)	9.	69.2	51.1	88.6
TOTAL	13.	100.0	73.9	127.9

TABLE:	453	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	133 M3
POSITION:	49 14.2 N 123 53.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	187 M	TIME OF TOW:	0740 HR	ALIQUOT:	
		DEPTH OF TOW:	139 M	S.H.F.:	10.45

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	75.0	67.7	94.0
SCORPAENIDAE(FAMILY)	3.	25.0	22.6	31.4
TOTAL	12.	100.0	90.2	125.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	15.0	20.9
TOTAL	2.	100.0	15.0	20.9

TABLE:	454	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	196 M3
POSITION:	49 15.8 N 123 57.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	305 M	TIME OF TOW:	0810 HR	ALIQUOT:	
		DEPTH OF TOW:	265 M	S.H.F.:	13.57

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	20.8	25.5	67.8
MERLUCCIUS PRODUCTUS	5.	20.8	25.5	67.8
SCORPAENIDAE(FAMILY)	14.	58.3	71.4	190.0
TOTAL	24.	100.0	122.4	325.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	15.3	40.7
TOTAL	3.	100.0	15.3	40.7

TABLE:	455	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	186 M3
POSITION:	49 16.1 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 37	ɛT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0845 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	10.04

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	100.0	37.6	70.3
TOTAL	7.	100.0	37.6	70.3

TABLE:	456	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	261 M3
POSITION:	49 18.6 N 123 58.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	405 M	TIME OF TOW:	0920 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	7.07

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	10.0	3.8	7.1
LEUROGLOSSUS STILBIUS	5.	50.0	19.2	35.4
MERLUCCIUS PRODUCTUS	3.	30.0	11.5	21.2
SCORPAENIDAE(FAMILY)	1.	10.0	3.8	7.1
TOTAL	10.	100.0	38.3	70.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	71.4	19.2	35.4
ZOARCIDAE(FAMILY)	1.	14.3	3.8	7.1
NECTOLIPARIS PELAGICUS	1.	14.3	3.8	7.1
TOTAL	7.	100.0	26.8	49.5

TABLE:	457	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	248 M3
POSITION:	49 18.2 N 124 4.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	275 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	246 M	S.H.F.:	9.90

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	17.4	16.1	39.6
LEUROGLOSSUS STILBIUS	6.	26.1	24.2	59.4
MERLUCCIUS PRODUCTUS	3.	13.0	12.1	29.7
SCORPAENIDAE(FAMILY)	10.	43.5	40.3	99.0
TOTAL	23.	100.0	92.7	227.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	100.0	20.2	49.5
TOTAL	5.	100.0	20.2	49.5

TABLE:	458	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	345 M3
POSITION:	49 20.3 N 124 1.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	339 M	S.H.F.:	9.84

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	19.0	11.6	39.4
LEUROGLOSSUS STILBIUS	6.	28.6	17.4	59.0
MERLUCCIUS PRODUCTUS	9.	42.9	26.1	88.6
SCORPAENIDAE(FAMILY)	2.	9.5	5.8	19.7
TOTAL	21.	100.0	60.9	206.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	62.5	29.0	98.4
MERLUCCIUS PRODUCTUS	1.	6.3	2.9	9.8
SCORPAENIDAE(FAMILY)	1.	6.3	2.9	9.8
BENTHALBELLA DENTATA	1.	6.3	2.9	9.8
ZOARCIDAE(FAMILY)	2.	12.5	5.8	19.7
NECTOLIPARIS PELAGICUS	1.	6.3	2.9	9.8
TOTAL	16.	100.0	46.4	157.4

TABLE:	459	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	336 M3
POSITION:	49 20.3 N 124 7.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	82 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	355 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	303 M	S.H.F.:	9.03

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	20.0	3.0	9.0
LEUROGLOSSUS STILBIUS	2.	40.0	6.0	18.1
MERLUCCIUS PRODUCTUS	1.	20.0	3.0	9.0
SCORPAENIDAE(FAMILY)	1.	20.0	3.0	9.0
TOTAL	5.	100.0	14.9	45.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	66.7	17.9	54.2
MERLUCCIUS PRODUCTUS	1.	11.1	3.0	9.0
LEUROGLOSSUS STILBIUS	1.	11.1	3.0	9.0
PSYCHROLUTES PARADOXUS	1.	11.1	3.0	9.0
TOTAL	9.	100.0	26.8	81.3

TABLE:	460	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	291 M3
POSITION:	49 22.8 N 124 10.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	85 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	345 M	TIME OF TOW:	1210 HR	ALIQUOT:	
		DEPTH OF TOW:	312 M	S.H.F.:	10.72

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	37.5	41.2	128.6
LEUROGLOSSUS STILBIUS	12.	37.5	41.2	128.6
MERLUCCIUS PRODUCTUS	2.	6.3	6.9	21.4
SCORPAENIDAE(FAMILY)	5.	15.6	17.2	53.6
PLEURONECTIDAE(FAMILY)	1.	3.1	3.4	10.7
TOTAL	32.	100.0	110.0	343.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	83.3	51.5	160.8
SCORPAENIDAE(FAMILY)	1.	5.6	3.4	10.7
ZOARCIDAE(FAMILY)	1.	5.6	3.4	10.7
NECTOLIPARIS PELAGICUS	1.	5.6	3.4	10.7
TOTAL	18.	100.0	61.9	193.0

TABLE:	461
CRUISE:	SG 80-12
SAMPLE NO.:	10
DATE:	14/ 6/80
VESSEL:	CALIGUS
POSITION:	49 22.8 N 124 4.8 W
GRID POSITION:	82 . 33
BOTTOM DEPTH:	250 M

WIND DIRECTION:	135 DEG
WIND VELOCITY:	3 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1300 HR
DEPTH OF TOW:	218 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	234 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.33

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
THALEICHTHYS PACIFICUS	1.	3.3	4.3	9.3
LEUROGLOSSUS STILBIUS	10.	33.3	42.7	93.3
MERLUCCIUS PRODUCTUS	6.	20.0	25.6	56.0
SCORPAENIDAE(FAMILY)	4.	13.3	17.1	37.3
	9.	30.0	38.5	84.0
TOTAL	30.	100.0	128.2	279.9

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	12.8	28.0
SCORPAENIDAE(FAMILY)	1.	25.0	4.3	9.3
TOTAL	4.	100.0	17.1	37.3

TABLE:	462	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	379 M3
POSITION:	49 24.7 N 124 1.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	395 M	TIME OF TOW:	1340 HR	ALIQUOT:	
		DEPTH OF TOW:	342 M	S.H.F.:	9.07

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	6.	15.8	15.8	54.4
LEUROGLOSSUS STILBIUS	12.	31.6	31.7	108.8
MERLUCCIUS PRODUCTUS	7.	18.4	18.5	63.5
SCORPAENIDAE(FAMILY)	13.	34.2	34.3	117.9
TOTAL	38.	100.0	100.3	344.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	64.7	29.0	99.8
MERLUCCIUS PRODUCTUS	2.	11.8	5.3	18.1
SCORPAENIDAE(FAMILY)	2.	11.8	5.3	18.1
PLEURONECTIDAE(FAMILY)	1.	5.9	2.6	9.1
PSYCHROLUTES PARADOXUS	1.	5.9	2.6	9.1
TOTAL	17.	100.0	44.9	154.2

TABLE:	463	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	293 M3
POSITION:	49 25.6 N 124 5.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	307 M	TIME OF TOW:	1430 HR	ALIQUOT:	
		DEPTH OF TOW:	259 M	S.H.F.:	8.84

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	23.8	17.1	44.2
LEUROGLOSSUS STILBIUS	8.	38.1	27.3	70.7
MERLUCCIUS PRODUCTUS	1.	4.8	3.4	8.8
SCORPAENIDAE(FAMILY)	7.	33.3	23.9	61.9
TOTAL	21.	100.0	71.7	185.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	66.7	27.3	70.7
SCORPAENIDAE(FAMILY)	1.	8.3	3.4	8.8
PLEURONECTIDAE(FAMILY)	1.	8.3	3.4	8.8
LEUROGLOSSUS STILBIUS	1.	8.3	3.4	8.8
ZOARCIDAE(FAMILY)	1.	8.3	3.4	8.8
TOTAL	12.	100.0	41.0	106.1

TABLE:	464	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 27.2 N 124 3.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	84 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	270 M	TIME OF TOW:	1510 HR	ALIQUOT:	
		DEPTH OF TOW:	229 M	S.H.F.:	9.67

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	14.3	21.1	48.4
LEUROGLOSSUS STILBIUS	21.	60.0	88.6	203.1
MERLUCCIUS PRODUCTUS	4.	11.4	16.9	38.7
SCORPAENIDAE(FAMILY)	5.	14.3	21.1	48.4
TOTAL	35.	100.0	147.7	338.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	29.	87.9	122.4	280.4
SCORPAENIDAE(FAMILY)	4.	12.1	16.9	38.7
TOTAL	33.	100.0	139.2	319.1

TABLE:	465	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	173 M3
POSITION:	49 27.2 N 123 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	81 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	1650 HR	ALIQUOT:	
		DEPTH OF TOW:	185 M	S.H.F.:	10.73

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.6	5.8	10.7
THALEICHTHYS PACIFICUS	45.	70.3	260.1	482.8
LEUROGLOSSUS STILBIUS	12.	18.8	69.4	128.8
MERLUCCIUS PRODUCTUS	2.	3.1	11.6	21.5
SCORPAENIDAE(FAMILY)	4.	6.3	23.1	42.9
TOTAL	64.	100.0	369.9	686.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	100.0	63.6	118.0
TOTAL	11.	100.0	63.6	118.0

TABLE:	466	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	299 M3
POSITION:	49 24.4 N 123 57.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	79 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	305 M	TIME OF TOW:	1630 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	9.27

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	105.	71.4	351.2	973.4
LEUROGLOSSUS STILBIUS	29.	19.7	97.0	268.8
MERLUCCIUS PRODUCTUS	4.	2.7	13.4	37.1
SCORPAENIDAE(FAMILY)	9.	6.1	30.1	83.4
TOTAL	147.	100.0	491.6	1362.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	10.0	27.8
ZOARCIDAE(FAMILY)	1.	25.0	3.3	9.3
TOTAL	4.	100.0	13.4	37.1

TABLE:	467	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	49 24.4 N 123 52.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1715 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	9.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	6.2	9.9
TOTAL	1.	100.0	6.2	9.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	100.	77.5	617.3	994.0
LEUROGLOSSUS STILBIUS	8.	6.2	49.4	79.5
MERLUCCIUS PRODUCTUS	1.	0.8	6.2	9.9
SCORPAENIDAE(FAMILY)	20.	15.5	123.5	198.8
TOTAL	129.	100.0	796.3	1282.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	4.0	6.2	9.9
LEUROGLOSSUS STILBIUS	12.	48.0	74.1	119.3
SCORPAENIDAE(FAMILY)	12.	48.0	74.1	119.3
TOTAL	25.	100.0	154.3	248.5

TABLE:	468	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	145 M3
POSITION:	49 27.2 N 123 52.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	185 M	TIME OF TOW:	1745 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	11.09

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	10.	62.5	69.0	110.9
LEUROGLOSSUS STILBIUS	5.	31.3	34.5	55.5
SCORPAENIDAE(FAMILY)	1.	6.3	6.9	11.1
TOTAL	16.	100.0	110.3	177.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	6.9	11.1
TOTAL	1.	100.0	6.9	11.1

TABLE:	469	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	144 M3
POSITION:	49 25.2 N 123 45.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	73 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	160 M	TIME OF TOW:	0500 HR	ALIQUOT:	
		DEPTH OF TOW:	139 M	S.H.F.:	9.65

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	20.	66.7	138.9	193.0
LEUROGLOSSUS STILBIUS	8.	26.7	55.6	77.2
SCORPAENIDAE(FAMILY)	2.	6.7	13.9	19.3
TOTAL	30.	100.0	208.3	289.5

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	92.9	90.3	125.4
CYCLOPTERIDAE(FAMILY)	1.	7.1	6.9	9.6
TOTAL	14.	100.0	97.2	135.1

TABLE: 470
CRUISE: SG 80-12
SAMPLE NO.: 19
DATE: 15/ 6/80
VESSEL: CALIGUS
POSITION: 49 23.2 N 123 38.6 W
GRID POSITION: 68 . 23
BOTTOM DEPTH: 170 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 6 MPS
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0550 HR
DEPTH OF TOW: 152 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 149 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.15

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	236.	90.1	1583.9	2395.4
LEUROGLOSSUS STILBIUS	16.	6.1	107.4	162.4
SCORPAENIDAE(FAMILY)	10.	3.8	67.1	101.5
TOTAL	262.	100.0	1758.4	2659.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	7.	87.5	47.0	71.0
LEUROGLOSSUS STILBIUS	1.	12.5	6.7	10.1
TOTAL	8.	100.0	53.7	81.2

TABLE:	471	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	138 M3
POSITION:	49 22.1 N 123 33.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	147 M	TIME OF TOW:	0630 HR	ALIQUOT:	
		DEPTH OF TOW:	141 M	S.H.F.:	10.26

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	71.	95.9	514.5	728.5
SCORPAENIDAE(FAMILY)	3.	4.1	21.7	30.8
TOTAL	74.	100.0	536.2	759.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	100.0	36.2	51.3
TOTAL	5.	100.0	36.2	51.3

TABLE:	472	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	176 M3
POSITION:	49 20.7 N 123 30.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	198 M	TIME OF TOW:	0700 HR	ALIQUOT:	
		DEPTH OF TOW:	168 M	S.H.F.:	9.52

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	129.	97.0	733.0	1228.1
MERLUCCIUS PRODUCTUS	1.	0.8	5.7	9.5
SCORPAENIDAE(FAMILY)	3.	2.3	17.0	28.6
TOTAL	133.	100.0	755.7	1266.2

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	88.9	45.5	76.2
MERLUCCIUS PRODUCTUS	1.	11.1	5.7	9.5
TOTAL	9.	100.0	51.1	85.7

TABLE: 473
CRUISE: SG 80-12
SAMPLE NO.: 22
DATE: 15/ 6/80
VESSEL: CALIGUS
POSITION: 49 19.4 N 123 35.2 W
GRID POSITION: 64 . 25
BOTTOM DEPTH: 174 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 3 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0745 HR
DEPTH OF TOW: 148 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 150 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.85

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	11.	55.0	73.3	108.4
LEUROGLOSSUS STILBIUS	4.	20.0	26.7	39.4
MERLUCCIUS PRODUCTUS	1.	5.0	6.7	9.9
SCORPAENIDAE(FAMILY)	4.	20.0	26.7	39.4
TOTAL	20.	100.0	133.3	197.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	80.0	53.3	78.8
MERLUCCIUS PRODUCTUS	1.	10.0	6.7	9.9
SCORPAENIDAE(FAMILY)	1.	10.0	6.7	9.9
TOTAL	10.	100.0	66.7	98.5

TABLE:	474	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	49 19.4 N 123 40.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	67 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	0840 HR	ALIQUOT:	
		DEPTH OF TOW:	182 M	S.H.F.:	11.21

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	18.	18.2	111.1	201.8
LEUROGLOSSUS STILBIUS	10.	10.1	61.7	112.1
MERLUCCIUS PRODUCTUS	3.	3.0	18.5	33.6
SCORPAENIDAE(FAMILY)	68.	68.7	419.8	762.3
TOTAL	99.	100.0	611.1	1109.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	50.0	24.7	44.8
SCORPAENIDAE(FAMILY)	4.	50.0	24.7	44.8
TOTAL	8.	100.0	49.4	89.7

TABLE:	475	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	246 M3
POSITION:	49 18.8 N 123 45.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	288 M	S.H.F.:	11.68

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LARVAE				
THALEICHTHYS PACIFICUS	8.	32.0	32.5	93.4
LEUROGLOSSUS STILBIUS	5.	20.0	20.3	58.4
MERLUCCIUS PRODUCTUS	1.	4.0	4.1	11.7
SCORPAENIDAE(FAMILY)	11.	44.0	44.7	128.5
TOTAL	25.	100.0	101.6	292.0

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
JUVENILES				
LEUROGLOSSUS STILBIUS	8.	66.7	32.5	93.4
MERLUCCIUS PRODUCTUS	1.	8.3	4.1	11.7
SCORPAENIDAE(FAMILY)	2.	16.7	8.1	23.4
ZOARCIDAE(FAMILY)	1.	8.3	4.1	11.7
TOTAL	12.	100.0	48.8	140.2

TABLE:	476	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	160 M3
POSITION:	49 21.3 N 123 42.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	158 M	S.H.F.:	9.86

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LARVAE				
THALEICHTHYS PACIFICUS	25.	67.6	156.3	246.5
LEUROGLOSSUS STILBIUS	6.	16.2	37.5	59.2
SCORPAENIDAE(FAMILY)	6.	16.2	37.5	59.2
TOTAL	37.	100.0	231.3	364.8

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
JUVENILES				
THALEICHTHYS PACIFICUS	2.	20.0	12.5	19.7
LEUROGLOSSUS STILBIUS	6.	60.0	37.5	59.2
MERLUCCIUS PRODUCTUS	2.	20.0	12.5	19.7
TOTAL	10.	100.0	62.5	98.6

TABLE: 477
CRUISE: SG 80-12
SAMPLE NO.: 26
DATE: 15/ 6/80
VESSEL: CALIGUS
POSITION: 49 21.9 N 123 46.4 W
GRID POSITION: 71 . 27
BOTTOM DEPTH: 138 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 2 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1030 HR
DEPTH OF TOW: 111 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 130 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.56

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	36.	64.3	276.9	308.2
LEUROGLOSSUS STILBIUS	2.	3.6	15.4	17.1
MERLUCCIUS PRODUCTUS	4.	7.1	30.8	34.2
SCORPAENIDAE(FAMILY)	14.	25.0	107.7	119.8
TOTAL	56.	100.0	430.8	479.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	23.1	25.7
SCORPAENIDAE(FAMILY)	1.	25.0	7.7	8.6
TOTAL	4.	100.0	30.8	34.2

TABLE:	478	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	346 M3
POSITION:	49 19.7 N 123 49.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1105 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	10.07

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
THALEICHTHYS PACIFICUS	1.	3.3	2.9	10.1
LEUROGLOSSUS STILBIUS	6.	20.0	17.3	60.4
MERLUCCIUS PRODUCTUS	7.	23.3	20.2	70.5
SCORPAENIDAE(FAMILY)	8.	26.7	23.1	80.6
	8.	26.7	23.1	80.6
TOTAL	30.	100.0	86.7	302.1

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	50.0	8.7	30.2
SCORPAENIDAE(FAMILY)	1.	16.7	2.9	10.1
LEUROGLOSSUS STILBIUS	1.	16.7	2.9	10.1
MYCTOPHIDAE(FAMILY)	1.	16.7	2.9	10.1
TOTAL	6.	100.0	17.3	60.4

TABLE:	479	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	220 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	246 M	TIME OF TOW:	1150 HR	ALIQUOT:	
		DEPTH OF TOW:	221 M	S.H.F.:	10.02

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	22.2	18.2	40.1
LEUROGLOSSUS STILBIUS	8.	44.4	36.4	80.2
MERLUCCIUS PRODUCTUS	1.	5.6	4.5	10.0
SCORPAENIDAE(FAMILY)	5.	27.8	22.7	50.1
TOTAL	18.	100.0	81.8	180.4

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	27.3	60.1
SCORPAENIDAE(FAMILY)	1.	12.5	4.5	10.0
MYCTOPHIDAE(FAMILY)	1.	12.5	4.5	10.0
TOTAL	8.	100.0	36.4	80.2

TABLE:	480				
CRUISE:	SG 80-12	WIND DIRECTION:	135 DEG		
SAMPLE NO.:	29	WIND VELOCITY:	1 MPS	TOW SPEED:	1 MPS
DATE:	15/ 6/80	WAVE HEIGHT:		TYPE OF TOW:	OBLIQUE
VESSEL:	CALIGUS	SWELL HEIGHT:		GEAR TYPE:	BONGO .25 M2
POSITION:	49 21.9 N 123 54.7 W	SURFACE TEMP:		MESH SIZE:	.351 MM
GRID POSITION:	76 . 30	STD NUMBER:		VOL. FILTERED:	376 M3
BOTTOM DEPTH:	420 M	BT/XBT NUMBER:		DISP. VOLUME:	
		TIME OF TOW:	1220 HR	PLANKTON CONC.:	
		DEPTH OF TOW:	369 M	ALIQUOT:	
				S.H.F.:	9.80

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	19.	24.7	50.5	186.2
LEUROGLOSSUS STILBIUS	37.	48.1	98.4	362.6
MERLUCCIUS PRODUCTUS	5.	6.5	13.3	49.0
SCORPAENIDAE(FAMILY)	16.	20.8	42.6	156.8
TOTAL	77.	100.0	204.8	754.6

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	53.8	18.6	68.6
SCORPAENIDAE(FAMILY)	4.	30.8	10.6	39.2
PLEURONECTIDAE(FAMILY)	1.	7.7	2.7	9.8
MYCTOPHIDAE(FAMILY)	1.	7.7	2.7	9.8
TOTAL	13.	100.0	34.6	12[illegible].4

TABLE:	481	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 21.4 N 123 58.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	278 M	TIME OF TOW:	1300 HR	ALIQUOT:	
		DEPTH OF TOW:	247 M	S.H.F.:	10.42

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	15.	35.7	63.3	156.3
LEUROGLOSSUS STILBIUS	11.	26.2	46.4	114.6
MERLUCCIUS PRODUCTUS	4.	9.5	16.9	41.7
SCORPAENIDAE(FAMILY)	12.	28.6	50.6	125.0
TOTAL	42.	100.0	177.2	437.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	69.2	38.0	93.8
SCORPAENIDAE(FAMILY)	2.	15.4	8.4	20.8
MYCTOPHIDAE(FAMILY)	1.	7.7	4.2	10.4
PSYCHROLUTES PARADOXUS	1.	7.7	4.2	10.4
TOTAL	13.	100.0	54.9	135.5

TABLE:	482	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	355 M3
POSITION:	49 18.3 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1350 HR	ALIQUOT:	
		DEPTH OF TOW:	344 M	S.H.F.:	9.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	100.0	2.8	9.7
TOTAL	1.	100.0	2.8	9.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	33.3	11.3	38.8
MERLUCCIUS PRODUCTUS	4.	33.3	11.3	38.8
SCORPAENIDAE(FAMILY)	4.	33.3	11.3	38.8
TOTAL	12.	100.0	33.8	116.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	81.8	25.4	87.3
SCORPAENIDAE(FAMILY)	1.	9.1	2.8	9.7
CYCLOPTERIDAE(FAMILY)	1.	9.1	2.8	9.7
TOTAL	11.	100.0	31.0	106.7

TABLE:	483	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	347 M3
POSITION:	49 16.6 N 123 50.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1435 HR	ALIQUOT:	
		DEPTH OF TOW:	348 M	S.H.F.:	10.02

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	2.9	10.0
TOTAL	1.	100.0	2.9	10.0

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	6.3	2.9	10.0
LEUROGLOSSUS STILBIUS	11.	68.8	31.7	110.2
MERLUCCIUS PRODUCTUS	1.	6.3	2.9	10.0
SCORPAENIDAE(FAMILY)	3.	18.8	8.6	30.1
TOTAL	16.	100.0	46.1	160.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	66.7	17.3	60.1
SCORPAENIDAE(FAMILY)	1.	11.1	2.9	10.0
LEUROGLOSSUS STILBIUS	2.	22.2	5.8	20.0
TOTAL	9.	100.0	25.9	90.2

TABLE:	484	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	360 M3
POSITION:	49 16.3 N 123 47.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	398 M	TIME OF TOW:	1520 HR	ALIQUOT:	
		DEPTH OF TOW:	367 M	S.H.F.:	10.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	100.0	5.6	20.4
TOTAL	2.	100.0	5.6	20.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	12.5	2.8	10.2
LEUROGLOSSUS STILBIUS	4.	50.0	11.1	40.8
MERLUCCIUS PRODUCTUS	3.	37.5	8.3	30.6
TOTAL	8.	100.0	22.2	81.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	71.4	13.9	51.0
SCORPAENIDAE(FAMILY)	1.	14.3	2.8	10.2
NECTOLIPARIS PELAGICUS	1.	14.3	2.8	10.2
TOTAL	7.	100.0	19.4	71.4

TABLE:	485	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	168 M3
POSITION:	49 11.4 N 123 44.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	0705 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	9.85

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	50.0	23.8	39.4
MERLUCCIUS PRODUCTUS	2.	25.0	11.9	19.7
SCORPAENIDAE(FAMILY)	2.	25.0	11.9	19.7
TOTAL	8.	100.0	47.6	78.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	11.9	19.7
MERLUCCIUS PRODUCTUS	1.	33.3	6.0	9.9
TOTAL	3.	100.0	17.9	29.6

TABLE:	486	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	348 M3
POSITION:	49 12.7 N 123 42.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	385 M	TIME OF TOW:	0805 HR	ALIQUOT:	
		DEPTH OF TOW:	351 M	S.H.F.:	10.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	2.9	10.1
MERLUCCIUS PRODUCTUS	1.	50.0	2.9	10.1
TOTAL	2.	100.0	5.7	20.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	5.0	2.9	10.1
LEUROGLOSSUS STILBIUS	14.	70.0	40.2	141.4
MERLUCCIUS PRODUCTUS	4.	20.0	11.5	40.4
SCORPAENIDAE(FAMILY)	1.	5.0	2.9	10.1
TOTAL	20.	100.0	57.5	202.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	100.0	14.4	50.5
TOTAL	5.	100.0	14.4	50.5

TABLE:	487
CRUISE:	SG 80-12
SAMPLE NO.:	36
DATE:	16/ 6/80
VESSEL:	CALIGUS
POSITION:	49 13.8 N 123 44.6 W
GRID POSITION:	66 . 33
BOTTOM DEPTH:	396 M

WIND DIRECTION:	315 DEG
WIND VELOCITY:	1 MPS
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	0850 HR
DEPTH OF TOW:	340 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	326 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.43

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	3.1	10.4
TOTAL	1.	100.0	3.1	10.4

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	5.9	3.1	10.4
LEUROGLOSSUS STILBIUS	11.	64.7	33.7	114.7
MERLUCCIUS PRODUCTUS	2.	11.8	6.1	20.9
SCORPAENIDAE(FAMILY)	3.	17.6	9.2	31.3
TOTAL	17.	100.0	52.1	177.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	6.1	20.9
MYCTOPHIDAE(FAMILY)	1.	33.3	3.1	10.4
TOTAL	3.	100.0	9.2	31.3

TABLE: 488
CRUISE: SG 80-12
SAMPLE NO.: 37
DATE: 16/ 6/80
VESSEL: CALIGUS
POSITION: 49 17.2 N 123 41.2 W
GRID POSITION: 66 . 29
BOTTOM DEPTH: 285 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0940 HR
DEPTH OF TOW: 254 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 253 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.04

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	85.7	47.4	120.5
MERLUCCIUS PRODUCTUS	2.	14.3	7.9	20.1
TOTAL	14.	100.0	55.3	140.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	7.9	20.1
SCORPAENIDAE(FAMILY)	1.	33.3	4.0	10.0
TOTAL	3.	100.0	11.9	30.1

TABLE:	489	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	335 M3
POSITION:	49 16.0 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	318 M	TIME OF TOW:	1005 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	8.26

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	27.6	23.9	66.1
LEUROGLOSSUS STILBIUS	13.	44.8	38.8	107.4
MERLUCCIUS PRODUCTUS	4.	13.8	11.9	33.0
PHYTICHTHYS CHIRUS	4.	13.8	11.9	33.0
TOTAL	29.	100.0	86.6	239.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLUSSUS STILBIUS	7.	63.6	20.9	57.8
SCORPAENIDAE(FAMILY)	4.	36.4	11.9	33.0
TOTAL	11.	100.0	32.8	90.9

TABLE:	490	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	285 M3
POSITION:	49 16.6 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 27	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	10.73

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.4	3.5	10.7
THALEICHTHYS PACIFICUS	62.	89.9	217.5	665.3
LEUROGLOSSUS STILBIUS	4.	5.8	14.0	42.9
MERLUCCIUS PRODUCTUS	1.	1.4	3.5	10.7
SCORPAENIDAE(FAMILY)	1.	1.4	3.5	10.7
TOTAL	69.	100.0	242.1	740.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	81.3	45.6	139.5
MERLUCCIUS PRODUCTUS	1.	6.3	3.5	10.7
SCORPAENIDAE(FAMILY)	1.	6.3	3.5	10.7
ZOARCIDAE(FAMILY)	1.	6.3	3.5	10.7
TOTAL	16.	100.0	56.1	171.7

TABLE: 491
CRUISE: SG 80-12
SAMPLE NO.: 40
DATE: 16/ 6/80
VESSEL: CALIGUS
POSITION: 49 14.9 N 123 30.6 W
GRID POSITION: 59 . 27
BOTTOM DEPTH: 324 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1130 HR
DEPTH OF TOW: 277 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 261 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.64

EGGS

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	100.0	7.7	21.3
TOTAL	2.	100.0	7.7	21.3

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	60.0	34.5	95.8
LEUROGLOSSUS STILBIUS	5.	33.3	19.2	53.2
MERLUCCIUS PRODUCTUS	1.	6.7	3.8	10.6
TOTAL	15.	100.0	57.5	159.6

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	9.1	3.8	10.6
LEUROGLOSSUS STILBIUS	9.	81.8	34.5	95.8
MERLUCCIUS PRODUCTUS	1.	9.1	3.8	10.6
TOTAL	11.	100.0	42.1	117.0

TABLE:	492	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	165 M3
POSITION:	49 17.7 N 123 31.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	61 . 25	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	177 M	TIME OF TOW:	1210 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	9.42

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	31.	86.1	187.9	292.0
LEUROGLOSSUS STILBIUS	5.	13.9	30.3	47.1
TOTAL	36.	100.0	218.2	339.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	100.0	30.3	47.1
TOTAL	5.	100.0	30.3	47.1

TABLE: 493
CRUISE: SG 80-12
SAMPLE NO.: 42
DATE: 16/ 6/80
VESSEL: CALIGUS
POSITION: 49 17.4 N 123 28.0 W
GRID POSITION: 59 . 24
BOTTOM DEPTH: 157 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1240 HR
DEPTH OF TOW: 136 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 147 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.22

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	42.	87.5	285.7	387.2
LEUROGLOSSUS STILBIUS	3.	6.3	20.4	27.7
MERLUCCIUS PRODUCTUS	1.	2.1	6.8	9.2
SCORPAENIDAE(FAMILY)	2.	4.2	13.6	18.4
TOTAL	48.	100.0	326.5	442.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	100.0	74.8	101.4
TOTAL	11.	100.0	74.8	101.4

TABLE:	494	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	43	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	205 M3
POSITION:	49 19.5 N 123 25.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 21	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1305 HR	ALIQUOT:	
		DEPTH OF TOW:	197 M	S.H.F.:	9.60

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	20.	64.5	97.6	192.0
LEUROGLOSSUS STILBIUS	3.	9.7	14.6	28.8
MERLUCCIUS PRODUCTUS	1.	3.2	4.9	9.6
SCORPAENIDAE(FAMILY)	7.	22.6	34.1	67.2
TOTAL	31.	100.0	151.2	297.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	57.1	19.5	38.4
MERLUCCIUS PRODUCTUS	2.	28.6	9.8	19.2
LEUROGLOSSUS STILBIUS	1.	14.3	4.9	9.6
TOTAL	7.	100.0	34.1	67.2

TABLE:	495	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	194 M3
POSITION:	49 19.0 N 123 20.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 20	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	205 M	TIME OF TOW:	1345 HR	ALIQUOT:	
		DEPTH OF TOW:	174 M	S.H.F.:	8.95

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	7.	43.8	36.1	62.6
LEUROGLOSSUS STILBIUS	5.	31.3	25.8	44.8
SCORPAENIDAE(FAMILY)	4.	25.0	20.6	35.8
TOTAL	16.	100.0	82.5	143.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	33.3	20.6	35.8
LEUROGLOSSUS STILBIUS	8.	66.7	41.2	71.6
TOTAL	12.	100.0	61.9	107.4

TABLE:	496	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	199 M3
POSITION:	49 16.5 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1415 HR	ALIQUOT:	
		DEPTH OF TOW:	201 M	S.H.F.:	10.07

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	13.	68.4	65.3	130.9
LEUROGLOSSUS STILBIUS	5.	26.3	25.1	50.3
SCORPAENIDAE(FAMILY)	1.	5.3	5.0	10.1
TOTAL	19.	100.0	95.5	191.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	72.7	40.2	80.6
MERLUCCIUS PRODUCTUS	3.	27.3	15.1	30.2
TOTAL	11.	100.0	55.3	110.8

TABLE:	497	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	46	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	201 M3
POSITION:	49 14.9 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 23	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	187 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	168 M	S.H.F.:	8.33

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	9.	52.9	44.8	75.0
LEUROGLOSSUS STILBIUS	6.	35.3	29.9	50.0
MERLUCCIUS PRODUCTUS	1.	5.9	5.0	8.3
SCORPAENIDAE(FAMILY)	1.	5.9	5.0	8.3
TOTAL	17.	100.0	84.6	141.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	80.0	19.9	33.3
SCORPAENIDAE(FAMILY)	1.	20.0	5.0	8.3
TOTAL	5.	100.0	24.9	41.7

TABLE:	498	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	47	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	273 M3
POSITION:	49 12.9 N 123 23.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1535 HR	ALIQUOT:	
		DEPTH OF TOW:	254 M	S.H.F.:	9.31

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	47.	85.5	172.2	437.6
LEUROGLOSSUS STILBIUS	6.	10.9	22.0	55.9
SCORPAENIDAE(FAMILY)	2.	3.6	7.3	18.6
TOTAL	55.	100.0	201.5	512.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	11.1	3.7	9.3
LEUROGLOSSUS STILBIUS	4.	44.4	14.7	37.2
MERLUCCIUS PRODUCTUS	1.	11.1	3.7	9.3
LEUROGLOSSUS STILBIUS	1.	11.1	3.7	9.3
ZOARCIDAE(FAMILY)	1.	11.1	3.7	9.3
PSYCHROLUTES PARADOXUS	1.	11.1	3.7	9.3
TOTAL	9.	100.0	33.0	83.8

TABLE:	499	WIND DIRECTION: 270 DEG	TOW SPEED: 1 MPS
CRUISE:	SG 80-12	WIND VELOCITY: 1 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	48	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 270 M3
POSITION:	49 11.6 N 123 28.5 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	56 . 29	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	320 M	TIME OF TOW: 1610 HR	ALIQUOT:
		DEPTH OF TOW: 279 M	S.H.F.: 10.30

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	41.	80.4	151.9	422.3
LEUROGLOSSUS STILBIUS	4.	7.8	14.8	41.2
MERLUCCIUS PRODUCTUS	3.	5.9	11.1	30.9
SCORPAENIDAE(FAMILY)	3.	5.9	11.1	30.9
TOTAL	51.	100.0	188.9	525.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	100.0	44.4	123.6
TOTAL	12.	100.0	44.4	123.6

TABLE:	500	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	49	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	297 M3
POSITION:	49 11.6 N 123 34.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	59 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1650 HR	ALIQUOT:	
		DEPTH OF TOW:	295 M	S.H.F.:	9.94

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	39.	70.9	131.3	387.7
LEUROGLOSSUS STILBIUS	11.	20.0	37.0	109.3
MERLUCCIUS PRODUCTUS	2.	3.6	6.7	19.9
SCORPAENIDAE(FAMILY)	3.	5.5	10.1	29.8
TOTAL	55.	100.0	185.2	546.7

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	13.3	6.7	19.9
LEUROGLOSSUS STILBIUS	11.	73.3	37.0	109.3
SCORPAENIDAE(FAMILY)	2.	13.3	6.7	19.9
TOTAL	15.	100.0	50.5	149.1

TABLE:	501	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	50	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	316 M3
POSITION:	49 13.3 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 31	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	373 M	TIME OF TOW:	1730 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	11.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.2	11.2
TOTAL	1.	100.0	3.2	11.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	23.	76.7	72.8	256.9
LEUROGLOSSUS STILBIUS	6.	20.0	19.0	67.0
MERLUCCIUS PRODUCTUS	1.	3.3	3.2	11.2
TOTAL	30.	100.0	94.9	335.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	3.2	11.2
ZOARCIDAE(FAMILY)	1.	50.0	3.2	11.2
TOTAL	2.	100.0	6.3	22.3

TABLE:	502	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	51	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	161 M3
POSITION:	49 10.0 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1820 HR	ALIQUOT:	
		DEPTH OF TOW:	152 M	S.H.F.:	9.43

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	8.3	6.2	9.4
LEUROGLOSSUS STILBIUS	8.	66.7	49.7	75.4
MERLUCCIUS PRODUCTUS	1.	8.3	6.2	9.4
SCORPAENIDAE(FAMILY)	2.	16.7	12.4	18.9
TOTAL	12.	100.0	74.5	113.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	100.0	31.1	47.2
TOTAL	5.	100.0	31.1	47.2

TABLE: 503	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE: SG 80-12	WIND VELOCITY: 2 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 52	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 17/ 6/80	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL: CALIGUS	SURFACE TEMP:	VOL. FILTERED: 155 M3
POSITION: 49 7.7 N 123 36.2 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 58 . 35	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 183 M	TIME OF TOW: 0620 HR	ALIQUOT:
	DEPTH OF TOW: 161 M	S.H.F.: 10.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	6.5	10.4
TOTAL	1.	100.0	6.5	10.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	21.	70.0	135.5	219.0
LEUROGLOSSUS STILBIUS	8.	26.7	51.6	83.4
SCORPAENIDAE(FAMILY)	1.	3.3	6.5	10.4
TOTAL	30.	100.0	193.5	312.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	85.7	38.7	62.6
SCORPAENIDAE(FAMILY)	1.	14.3	6.5	10.4
TOTAL	7.	100.0	45.2	73.0

TABLE:	504	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	53	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	265 M3
POSITION:	49 8.3 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	0710 HR	ALIQUOT:	
		DEPTH OF TOW:	291 M	S.H.F.:	11.01

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	45.	70.3	169.8	495.5
LEUROGLOSSUS STILBIUS	11.	17.2	41.5	121.1
MERLUCCIUS PRODUCTUS	6.	9.4	22.6	66.1
SCORPAENIDAE(FAMILY)	1.	1.6	3.8	11.0
COTTIDAE(FAMILY)	1.	1.6	3.8	11.0
TOTAL	64.	100.0	241.5	704.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	100.0	34.0	99.1
TOTAL	9.	100.0	34.0	99.1

TABLE:	505	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	54	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	215 M3
POSITION:	49 9.9 N 123 24.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	247 M	TIME OF TOW:	0755 HR	ALIQUOT:	
		DEPTH OF TOW:	216 M	S.H.F.:	10.01

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	12.5	4.7	10.0
LEUROGLOSSUS STILBIUS	6.	75.0	27.9	60.1
GOBIIDAE(FAMILY)	1.	12.5	4.7	10.0
TOTAL	8.	100.0	37.2	80.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	87.5	65.1	140.1
MYCTOPHIDAE(FAMILY)	1.	6.3	4.7	10.0
NECTOLIPARIS PELAGICUS	1.	6.3	4.7	10.0
TOTAL	16.	100.0	74.4	160.2

TABLE:	506	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	55	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	165 M3
POSITION:	49 11.3 N 123 19.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	177 M	TIME OF TOW:	0840 HR	ALIQUOT:	
		DEPTH OF TOW:	146 M	S.H.F.:	8.82

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	22.	62.9	133.3	194.0
LEUROGLOSSUS STILBIUS	8.	22.9	48.5	70.6
MERLUCCIUS PRODUCTUS	3.	8.6	18.2	26.5
SCORPAENIDAE(FAMILY)	2.	5.7	12.1	17.6
TOTAL	35.	100.0	212.1	308.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	40.0	12.1	17.6
LEUROGLOSSUS STILBIUS	3.	60.0	18.2	26.5
TOTAL	5.	100.0	30.3	44.1

TABLE:	507	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	56	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	207 M3
POSITION:	49 6.3 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	51 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	188 M	S.H.F.:	9.10

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	30.	48.4	144.9	273.0
LEUROGLOSSUS STILBIUS	15.	24.2	72.5	136.5
MERLUCCIUS PRODUCTUS	8.	12.9	38.6	72.8
SCORPAENIDAE(FAMILY)	9.	14.5	43.5	81.9
TOTAL	62.	100.0	299.5	564.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	100.0	58.0	109.2
TOTAL	12.	100.0	58.0	109.2

TABLE:	508	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	57	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	199 M3
POSITION:	49 3.8 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1005 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	9.38

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	11.	50.0	55.3	103.2
LEUROGLOSSUS STILBIUS	6.	27.3	30.2	56.3
MERLUCCIUS PRODUCTUS	5.	22.7	25.1	46.9
TOTAL	22.	100.0	110.6	206.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	90.0	45.2	84.4
MERLUCCIUS PRODUCTUS	1.	10.0	5.0	9.4
TOTAL	10.	100.0	50.3	93.8

TABLE: 509
CRUISE: SG 80-12
SAMPLE NO.: 58
DATE: 17/ 6/80
VESSEL: CALIGUS
POSITION: 49 2.7 N 123 19.3 W
GRID POSITION: 46 . 33
BOTTOM DEPTH: 176 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1030 HR
DEPTH OF TOW: 150 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 161 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.33

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	22.	66.7	136.6	205.3
LEUROGLOSSUS STILBIUS	8.	24.2	49.7	74.6
MERLUCCIUS PRODUCTUS	1.	3.0	6.2	9.3
SCORPAENIDAE(FAMILY)	2.	6.1	12.4	18.7
TOTAL	33.	100.0	205.0	307.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	83.3	31.1	46.7
SCORPAENIDAE(FAMILY)	1.	16.7	6.2	9.3
TOTAL	6.	100.0	37.3	56.0

TABLE:	510	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	59	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	132 M3
POSITION:	49 1.6 N 123 16.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	44 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	143 M	TIME OF TOW:	1055 HR	ALIQUOT:	
		DEPTH OF TOW:	124 M	S.H.F.:	9.45

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	18.	72.0	136.4	170.1
LEUROGLOSSUS STILBIUS	7.	28.0	53.0	66.2
TOTAL	25.	100.0	189.4	236.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	71.4	37.9	47.3
SCORPAENIDAE(FAMILY)	2.	28.6	15.2	18.9
TOTAL	7.	100.0	53.0	66.2

TABLE:	511	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	60	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	139 M3
POSITION:	48 58.2 N 123 14.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	41 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	143 M	TIME OF TOW:	1125 HR	ALIQUOT:	
		DEPTH OF TOW:	129 M	S.H.F.:	9.29

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	14.	66.7	100.7	130.1
LEUROGLOSSUS STILBIUS	6.	28.6	43.2	55.7
SCORPAENIDAE(FAMILY)	1.	4.8	7.2	9.3
TOTAL	21.	100.0	151.1	195.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	88.9	57.6	74.3
SCORPAENIDAE(FAMILY)	1.	11.1	7.2	9.3
TOTAL	9.	100.0	64.7	83.6

TABLE:	512	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	61	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	48 56.0 N 123 15.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	146 M	TIME OF TOW:	1150 HR	ALIQUOT:	
		DEPTH OF TOW:	129 M	S.H.F.:	8.71

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	7.0	20.3	26.1
THALEICHTHYS PACIFICUS	39.	90.7	263.5	339.7
MERLUCCIUS PRODUCTUS	1.	2.3	6.8	8.7
TOTAL	43.	100.0	290.5	374.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	33.3	6.8	8.7
LEUROGLOSSUS STILBIUS	2.	66.7	13.5	17.4
TOTAL	3.	100.0	20.3	26.1

TABLE: 513
CRUISE: SG 80-12
SAMPLE NO.: 62
DATE: 17/ 6/80
VESSEL: CALIGUS
POSITION: 48 57.7 N 123 18.9 W
GRID POSITION: 43 . 37
BOTTOM DEPTH: 188 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1220 HR
DEPTH OF TOW: 174 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 172 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.31

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	49.	67.1	284.9	505.2
LEUROGLOSSUS STILBIUS	11.	15.1	64.0	113.4
MERLUCCIUS PRODUCTUS	1.	1.4	5.8	10.3
SCORPAENIDAE(FAMILY)	9.	12.3	52.3	92.8
COTTIDAE(FAMILY)	3.	4.1	17.4	30.9
TOTAL	73.	100.0	424.4	752.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	100.0	52.3	92.8
TOTAL	9.	100.0	52.3	92.8

TABLE:	514	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	63	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 0.2 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	235 M	TIME OF TOW:	1255 HR	ALIQUOT:	
		DEPTH OF TOW:	194 M	S.H.F.:	8.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	4.2	8.2
TOTAL	1.	100.0	4.2	8.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.7	4.2	8.2
THALEICHTHYS PACIFICUS	17.	45.9	71.7	139.7
LEUROGLOSSUS STILBIUS	15.	40.5	63.3	123.3
SCORPAENIDAE(FAMILY)	4.	10.8	16.9	32.9
TOTAL	37.	100.0	156.1	304.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	16.7	4.2	8.2
LEUROGLOSSUS STILBIUS	4.	66.7	16.9	32.9
ZOARCIDAE(FAMILY)	1.	16.7	4.2	8.2
TOTAL	6.	100.0	25.3	49.3

TABLE:	515	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	64	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	294 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	305 M	TIME OF TOW:	1340 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	8.83

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	14.	26.4	47.6	123.6
LEUROGLOSSUS STILBIUS	28.	52.8	95.2	247.2
MERLUCCIUS PRODUCTUS	5.	9.4	17.0	44.2
SCORPAENIDAE(FAMILY)	3.	5.7	10.2	26.5
COTTIDAE(FAMILY)	3.	5.7	10.2	26.5
TOTAL	53.	100.0	180.3	468.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	85.7	40.8	106.0
MERLUCCIUS PRODUCTUS	1.	7.1	3.4	8.8
ZOARCIDAE(FAMILY)	1.	7.1	3.4	8.8
TOTAL	14.	100.0	47.6	123.6

TABLE:	516	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	65	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	269 M3
POSITION:	49 4.9 N 123 29.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	1415 HR	ALIQUOT:	
		DEPTH OF TOW:	269 M	S.H.F.:	10.00

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	39.	67.2	145.0	390.0
LEUROGLOSSUS STILBIUS	9.	15.5	33.5	90.0
MERLUCCIUS PRODUCTUS	7.	12.1	26.0	70.0
SCORPAENIDAE(FAMILY)	3.	5.2	11.2	30.0
TOTAL	58.	100.0	215.6	580.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	100.0	22.3	60.0
TOTAL	6.	100.0	22.3	60.0

TABLE:	517	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	66	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	199 M3
POSITION:	49 1.9 N 123 31 1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	229 M	TIME OF TOW:	1455 HR	ALIQUOT:	
		DEPTH OF TOW:	208 M	S.H.F.:	10.45

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	18.	60.0	90.5	188.1
LEUROGLOSSUS STILBIUS	8.	26.7	40.2	83.6
MERLUCCIUS PRODUCTUS	1.	3.3	5.0	10.4
SCORPAENIDAE(FAMILY)	3.	10.0	15.1	31.4
TOTAL	30.	100.0	150.8	313.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	15.1	31.4
NECTOLIPARIS PELAGICUS	1.	25.0	5.0	10.4
TOTAL	4.	100.0	20.1	41.8

TABLE:	518	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	67	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	191 M3
POSITION:	49 0.2 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	49 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1535 HR	ALIQUOT:	
		DEPTH OF TOW:	188 M	S.H.F.:	9.87

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	26.	81.3	136.1	256.6
LEUROGLOSSUS STILBIUS	3.	9.4	15.7	29.6
MERLUCCIUS PRODUCTUS	1.	3.1	5.2	9.9
SCORPAENIDAE(FAMILY)	1.	3.1	5.2	9.9
AGONIDAE(FAMILY)	1.	3.1	5.2	9.9
TOTAL	32.	100.0	167.5	315.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	88.9	41.9	79.0
MERLUCCIUS PRODUCTUS	1.	11.1	5.2	9.9
TOTAL	9.	100.0	47.1	88.8

TABLE:	519
CRUISE:	SG 80-12
SAMPLE NO.:	68
DATE:	17/ 6/80
VESSEL:	CALIGUS
POSITION:	48 57.7 N 123 24.4 W
GRID POSITION:	46 . 39
BOTTOM DEPTH:	203 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1610 HR
DEPTH OF TOW:	185 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	188 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.88

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	55.6	26.6	49.4
LEUROGLOSSUS STILBIUS	2.	22.2	10.6	19.8
MERLUCCIUS PRODUCTUS	1.	11.1	5.3	9.9
SCORPAENIDAE(FAMILY)	1.	11.1	5.3	9.9
TOTAL	9.	100.0	47.9	88.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	75.0	31.9	59.3
MERLUCCIUS PRODUCTUS	2.	25.0	10.6	19.8
TOTAL	8.	100.0	42.6	79.0

TABLE: 520
CRUISE: SG 80-12
SAMPLE NO.: 69
DATE: 17/ 6/80
VESSEL: CALIGUS
POSITION: 48 55.6 N 123 21.0 W
GRID POSITION: 43 . 39
BOTTOM DEPTH: 187 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1645 HR
DEPTH OF TOW: 170 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 172 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.87

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	11.	61.1	64.0	108.6
LEUROGLOSSUS STILBIUS	7.	38.9	40.7	69.1
TOTAL	18.	100.0	104.7	177.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	17.4	29.6
SCORPAENIDAE(FAMILY)	1.	25.0	5.8	9.9
TOTAL	4.	100.0	23.3	39.5

TABLE:	521	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	70	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	187 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	186 M	TIME OF TOW:	1720 HR	ALIQUOT:	
		DEPTH OF TOW:	165 M	S.H.F.:	8.86

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
OSMERIDAE(FAMILY)	5.	62.5	26.7	44.3
THALEICHTHYS PACIFICUS	1.	12.5	5.3	8.9
MERLUCCIUS PRODUCTUS	1.	12.5	5.3	8.9
SCORPAENIDAE(FAMILY)	1.	12.5	5.3	8.9
TOTAL	8.	100.0	42.8	70.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	25.0	5.3	8.9
MERLUCCIUS PRODUCTUS	2.	50.0	10.7	17.7
SCORPAENIDAE(FAMILY)	1.	25.0	5.3	8.9
TOTAL	4.	100.0	21.4	35.4

TABLE:	522	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	71	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	48 52.3 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	37 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	188 M	TIME OF TOW:	0550 HR	ALIQUOT:	
		DEPTH OF TOW:	163 M	S.H.F.:	10.25

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	26.	76.5	163.5	266.5
LEUROGLOSSUS STILBIUS	4.	11.8	25.2	41.0
MERLUCCIUS PRODUCTUS	1.	2.9	6.3	10.3
SCORPAENIDAE(FAMILY)	3.	8.8	18.9	30.8
TOTAL	34.	100.0	213.8	348.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	6.3	10.3
TOTAL	1.	100.0	6.3	10.3

TABLE:	523	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	72	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	100 M3
POSITION:	48 53.8 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	122 M	TIME OF TOW:	0615 HR	ALIQUOT:	
		DEPTH OF TOW:	110 M	S.H.F.:	11.05

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	12.	63.2	120.0	132.6
LEUROGLOSSUS STILBIUS	4.	21.1	40.0	44.2
MERLUCCIUS PRODUCTUS	1.	5.3	10.0	11.1
SCORPAENIDAE(FAMILY)	2.	10.5	20.0	22.1
TOTAL	19.	100.0	190.0	210.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	10.0	11.1
TOTAL	1.	100.0	10.0	11.1

TABLE:	524	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	73	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	114 M3
POSITION:	48 56.5 N 123 10.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	120 M	TIME OF TOW:	0645 HR	ALIQUOT:	
		DEPTH OF TOW:	93 M	S.H.F.:	8.12

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	7.	87.5	61.4	56.8
LEUROGLOSSUS STILBIUS	1.	12.5	8.8	8.1
TOTAL	8.	100.0	70.2	65.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	8.8	8.1
TOTAL	1.	100.0	8.8	8.1

TABLE:	525	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	74	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	122 M3
POSITION:	48 56.3 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	113 M	TIME OF TOW:	0710 HR	ALIQUOT:	
		DEPTH OF TOW:	98 M	S.H.F.:	8.08

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	8.2	8.1
SCORPAENIDAE(FAMILY)	1.	50.0	8.2	8.1
TOTAL	2.	100.0	16.4	16.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	100.0	16.4	16.2
TOTAL	2.	100.0	16.4	16.2

TABLE:	526	WIND DIRECTION:	315 DEG
CRUISE:	SG 80-12	WIND VELOCITY:	2 MPS
SAMPLE NO.:	75	WAVE HEIGHT:	
DATE:	18/ 6/80	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	48 53.8 N 123 4.5 W	STD NUMBER:	
GRID POSITION:	33 . 35	BT/XBT NUMBER:	
BOTTOM DEPTH:	123 M	TIME OF TOW:	0735 HR
		DEPTH OF TOW:	110 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	117 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.39

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	11.1	8.5	9.4
THALEICHTHYS PACIFICUS	5.	55.6	42.7	47.0
MERLUCCIUS PRODUCTUS	1.	11.1	8.5	9.4
SCORPAENIDAE(FAMILY)	2.	22.2	17.1	18.8
TOTAL	9.	100.0	76.9	84.5

TABLE:	527	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	76	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	127 M3
POSITION:	48 52.1 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	33 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	0805 HR	ALIQUOT:	
		DEPTH OF TOW:	119 M	S.H.F.:	9.33

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	29.	87.9	228.3	270.6
SCORPAENIDAE(FAMILY)	4.	12.1	31.5	37.3
TOTAL	33.	100.0	259.8	307.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	33.3	7.9	9.3
SCORPAENIDAE(FAMILY)	1.	33.3	7.9	9.3
COTTIDAE(FAMILY)	1.	33.3	7.9	9.3
TOTAL	3.	100.0	23.6	28.0

TABLE:	528	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	77	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	48 51.8 N 123 2.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	31 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0830 HR	ALIQUOT:	
		DEPTH OF TOW:	181 M	S.H.F.:	9.55

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	7.7	5.3	9.6
THALEICHTHYS PACIFICUS	8.	61.5	42.1	76.4
SCORPAENIDAE(FAMILY)	4.	30.8	21.1	38.2
TOTAL	13.	100.0	68.4	124.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	40.0	10.5	19.1
MERLUCCIUS PRODUCTUS	1.	20.0	5.3	9.6
SCORPAENIDAE(FAMILY)	1.	20.0	5.3	9.6
AGONIDAE(FAMILY)	1.	20.0	5.3	9.6
TOTAL	5.	100.0	26.3	47.8

TABLE: 529
CRUISE: SG 80-12
SAMPLE NO.: 78
DATE: 18/ 6/80
VESSEL: CALIGUS
POSITION: 48 54.3 N 123 0.3 W
GRID POSITION: 31 . 33
BOTTOM DEPTH: 146 M

WIND DIRECTION: 315 DEG
WIND VELOCITY: 1 MPS
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0905 HR
DEPTH OF TOW: 133 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 136 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.78

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	27.	93.1	198.5	264.1
SCORPAENIDAE(FAMILY)	2.	6.9	14.7	19.6
TOTAL	29.	100.0	213.2	283.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	100.0	29.4	39.1
TOTAL	4.	100.0	29.4	39.1

TABLE:	530	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	79	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	109 M3
POSITION:	48 54.0 N 122 56.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	111 M	TIME OF TOW:	0930 HR	ALIQUOT:	
		DEPTH OF TOW:	100 M	S.H.F.:	9.16

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	27.	81.8	247.7	247.3
SCORPAENIDAE(FAMILY)	6.	18.2	55.0	55.0
TOTAL	33.	100.0	302.8	302.3

TABLE:	531	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	80	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	131 M3
POSITION:	48 52.3 N 122 55.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	0950 HR	ALIQUOT:	
		DEPTH OF TOW:	109 M	S.H.F.:	8.33

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	11.	84.6	84.0	91.6
SCORPAENIDAE(FAMILY)	2.	15.4	15.3	16.7
TOTAL	13.	100.0	99.2	108.3

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	50.0	7.6	8.3
SCORPAENIDAE(FAMILY)	1.	50.0	7.6	8.3
TOTAL	2.	100.0	15.3	16.7

TABLE:	532	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	81	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	195 M3
POSITION:	48 51.7 N 122 58.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	212 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	201 M	S.H.F.:	10.28

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	57.1	41.0	82.2
LEUROGLOSSUS STILBIUS	2.	14.3	10.3	20.6
SCORPAENIDAE(FAMILY)	3.	21.4	15.4	30.8
COTTIDAE(FAMILY)	1.	7.1	5.1	10.3
TOTAL	14.	100.0	71.8	143.9

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	50.0	5.1	10.3
PLEURONECTIDAE(FAMILY)	1.	50.0	5.1	10.3
TOTAL	2.	100.0	10.3	20.6

TABLE:	533	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	82	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	158 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	171 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	160 M	S.H.F.:	10.16

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	10.	76.9	63.3	101.6
SCORPAENIDAE(FAMILY)	3.	23.1	19.0	30.5
TOTAL	13.	100.0	82.3	132.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	25.0	6.3	10.2
MERLUCCIUS PRODUCTUS	1.	25.0	6.3	10.2
PLEURONECTIDAE(FAMILY)	2.	50.0	12.7	20.3
TOTAL	4.	100.0	25.3	40.6

TABLE:	534	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	83	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	194 M3
POSITION:	48 50.0 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1105 HR	ALIQUOT:	
		DEPTH OF TOW:	195 M	S.H.F.:	10.06

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	15.	88.2	77.3	150.9
SCORPAENIDAE(FAMILY)	2.	11.8	10.3	20.1
TOTAL	17.	100.0	87.6	171.0

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	55.6	25.8	50.3
LEUROGLOSSUS STILBIUS	2.	22.2	10.3	20.1
SCORPAENIDAE(FAMILY)	1.	11.1	5.2	10.1
COTTIDAE(FAMILY)	1.	11.1	5.2	10.1
TOTAL	9.	100.0	46.4	90.5

TABLE:	535	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	84	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	211 M3
POSITION:	48 48.5 N 122 55.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	184 M	S.H.F.:	8.70

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	57.	95.0	270.1	495.9
MERLUCCIUS PRODUCTUS	1.	1.7	4.7	8.7
SCORPAENIDAE(FAMILY)	2.	3.3	9.5	17.4
TOTAL	60.	100.0	284.4	522.0

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	25.0	4.7	8.7
MERLUCCIUS PRODUCTUS	1.	25.0	4.7	8.7
SCORPAENIDAE(FAMILY)	1.	25.0	4.7	8.7
PLEURONECTIDAE(FAMILY)	1.	25.0	4.7	8.7
TOTAL	4.	100.0	19.0	34.8

TABLE:	536
CRUISE:	SG 80-12
SAMPLE NO.:	85
DATE:	18/ 6/80
VESSEL:	CALIGUS
POSITION:	48 47.4 N 122 58.2 W
GRID POSITION:	26 . 38
BOTTOM DEPTH:	215 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1205 HR
DEPTH OF TOW:	188 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	197 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.58

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	26.	83.9	132.0	249.1
MERLUCCIUS PRODUCTUS	1.	3.2	5.1	9.6
SCORPAENIDAE(FAMILY)	3.	9.7	15.2	28.7
PLEURONECTIDAE(FAMILY)	1.	3.2	5.1	9.6
TOTAL	31.	100.0	157.4	297.0

TABLE:	537	WIND DIRECTION:	270 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	86	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	208 M3
POSITION:	48 49.3 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1235 HR	ALIQUOT:	
		DEPTH OF TOW:	212 M	S.H.F.:	10.21

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	25.	33.3	120.2	255.3
THALEICHTHYS PACIFICUS	45.	60.0	216.3	459.5
SCORPAENIDAE(FAMILY)	5.	6.7	24.0	51.0
TOTAL	75.	100.0	360.6	765.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	55.6	24.0	51.0
LEUROGLOSSUS STILBIUS	1.	11.1	4.8	10.2
MERLUCCIUS PRODUCTUS	1.	11.1	4.8	10.2
PLEURONECTIDAE(FAMILY)	2.	22.2	9.6	20.4
TOTAL	9.	100.0	43.3	91.9

TABLE:	538	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	87	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	172 M3
POSITION:	48 48.6 N 123 2.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	29 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	187 M	TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	10.19

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	15.	100.0	87.2	152.8
TOTAL	15.	100.0	87.2	152.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	50.0	23.3	40.8
LEUROGLOSSUS STILBIUS	3.	37.5	17.4	30.6
THERAGRA CHALCOGRAMMA	1.	12.5	5.8	10.2
TOTAL	8.	100.0	46.5	81.5

TABLE:	539
CRUISE:	SG 80-12
SAMPLE NO.:	88
DATE:	18/ 6/80
VESSEL:	CALIGUS
POSITION:	48 49.7 N 123 5.0 W
GRID POSITION:	31 . 38
BOTTOM DEPTH:	187 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1340 HR
DEPTH OF TOW:	171 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	177 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	9.68

LARVAE

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	4.8	5.6	9.7
THALEICHTHYS PACIFICUS	13.	61.9	73.4	125.8
SCORPAENIDAE(FAMILY)	7.	33.3	39.5	67.8
TOTAL	21.	100.0	118.6	203.3

JUVENILES

	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	1.	50.0	5.6	9.7
LEUROGLOSSUS STILBIUS	1.	50.0	5.6	9.7
TOTAL	2.	100.0	11.3	19.4

TABLE:	540	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	89	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	124 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	143 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	138 M	S.H.F.:	11.15

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	13.	72.2	104.8	144.9
SCORPAENIDAE(FAMILY)	5.	27.8	40.3	55.8
TOTAL	18.	100.0	145.2	200.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
SCORPAENIDAE(FAMILY)	1.	100.0	8.1	11.1
TOTAL	1.	100.0	8.1	11.1

TABLE:	541	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 80-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	90	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 6/80	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	176 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1429 HR	ALIQUOT:	
		DEPTH OF TOW:	215 M	S.H.F.:	10.66

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
THALEICHTHYS PACIFICUS	1.	3.2	5.7	10.7
MERLUCCIUS PRODUCTUS	27.	87.1	153.4	287.8
SCORPAENIDAE(FAMILY)	1.	3.2	5.7	10.7
	2.	6.5	11.4	21.3
TOTAL	31.	100.0	176.1	330.5

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	8.	80.0	45.5	85.3
LEUROGLOSSUS STILBIUS	2.	20.0	11.4	21.3
TOTAL	10.	100.0	56.8	106.6

TABLE:	542	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 80-13	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 7/80	SWELL HEIGHT:	2 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	203 M3
POSITION:	49 17.2 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 29	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	295 M	TIME OF TOW:	0940 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	6.76

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.0	14.8	20.3
MERLUCCIUS PRODUCTUS	1.	25.0	4.9	6.8
TOTAL	4.	100.0	19.7	27.0

TABLE: 543
CRUISE: SG 80-13
SAMPLE NO.: 2
DATE: 15/ 7/80
VESSEL: CALIGUS
POSITION: 49 13.6 N 123 41.2 W
GRID POSITION: 64 . 32
BOTTOM DEPTH: 400 M

WIND DIRECTION: 135 DEG
WIND VELOCITY: 7 MPS
WAVE HEIGHT:
SWELL HEIGHT: 2 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1045 HR
DEPTH OF TOW: 376 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 297 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 7.89

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	50.0	3.4	7.9
SCORPAENIDAE(FAMILY)	1.	50.0	3.4	7.9
TOTAL	2.	100.0	6.7	15.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	80.0	26.9	63.1
ZOARCIDAE(FAMILY)	1.	10.0	3.4	7.9
NECTOLIPARIS PELAGICUS	1.	10.0	3.4	7.9
TOTAL	10.	100.0	33.7	78.9

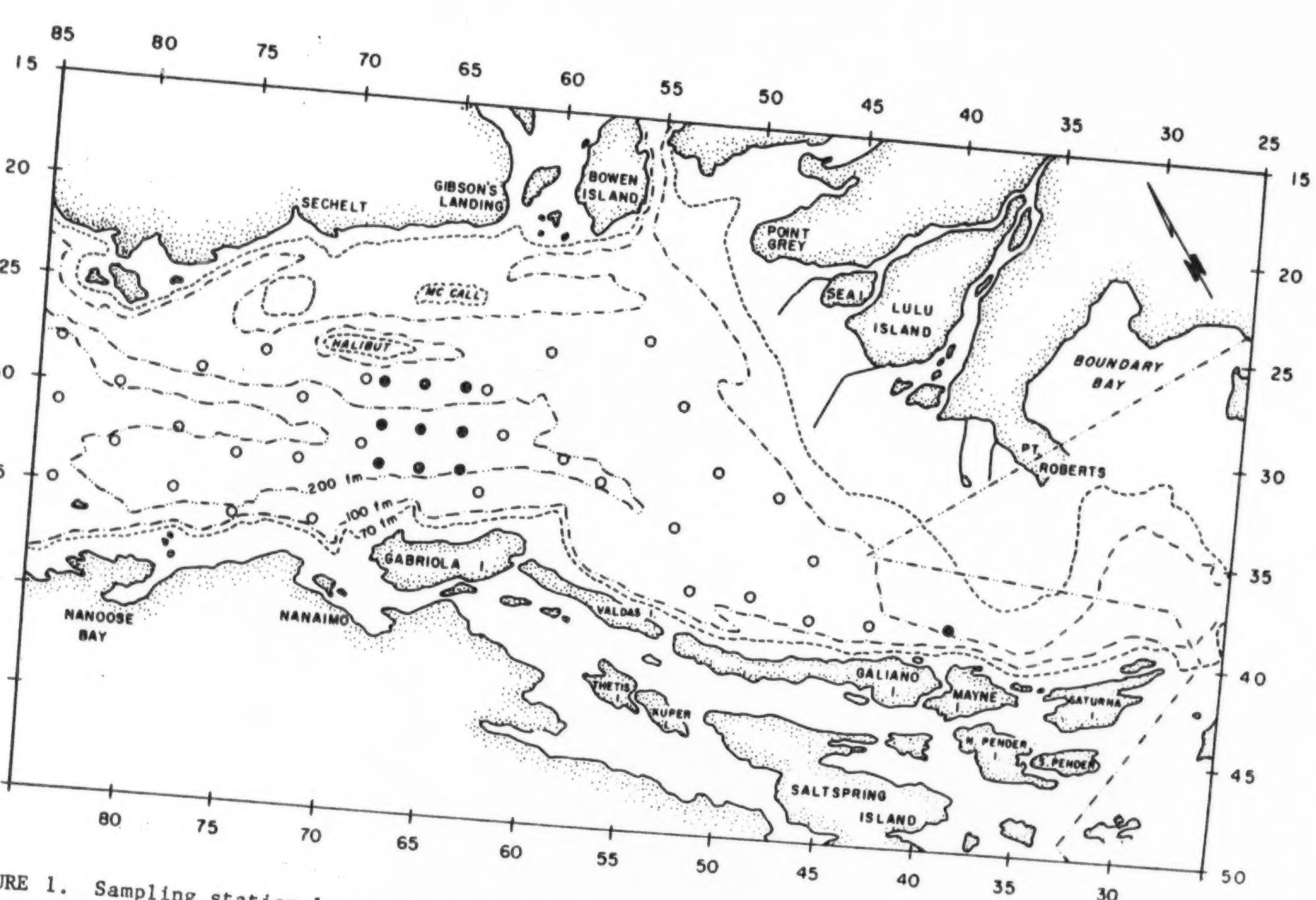

FIGURE 1. Sampling station locations for the 1980 Georgia Strait Ichthyoplankton Survey, cruises 1, 2, 3, 4, 5, 7, and 13.

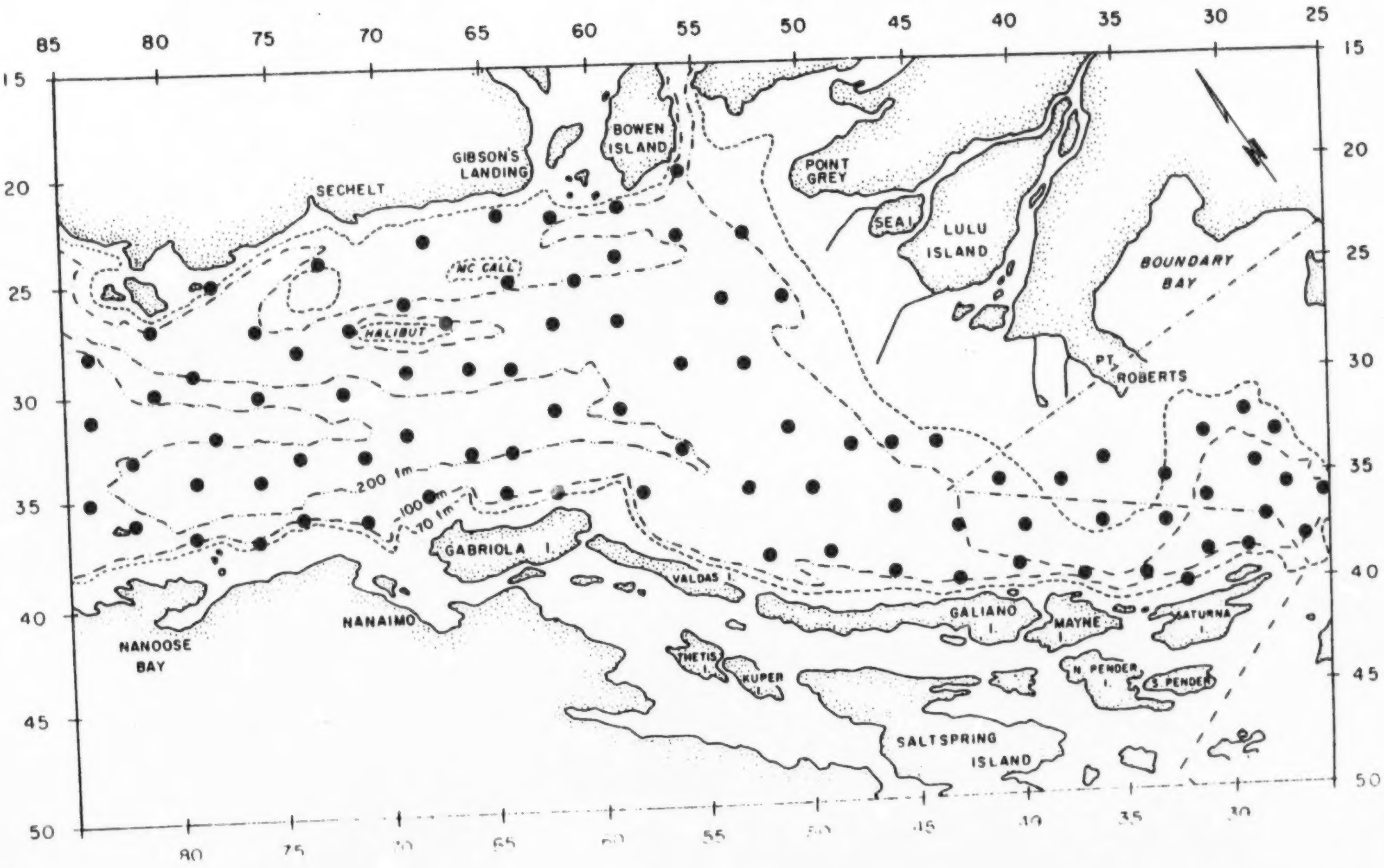

FIGURE 2. Sampling station locations for the 1980 Georgia Strait Ichthyoplankton Survey, cruises 6, 8, 9, 11, and 12.

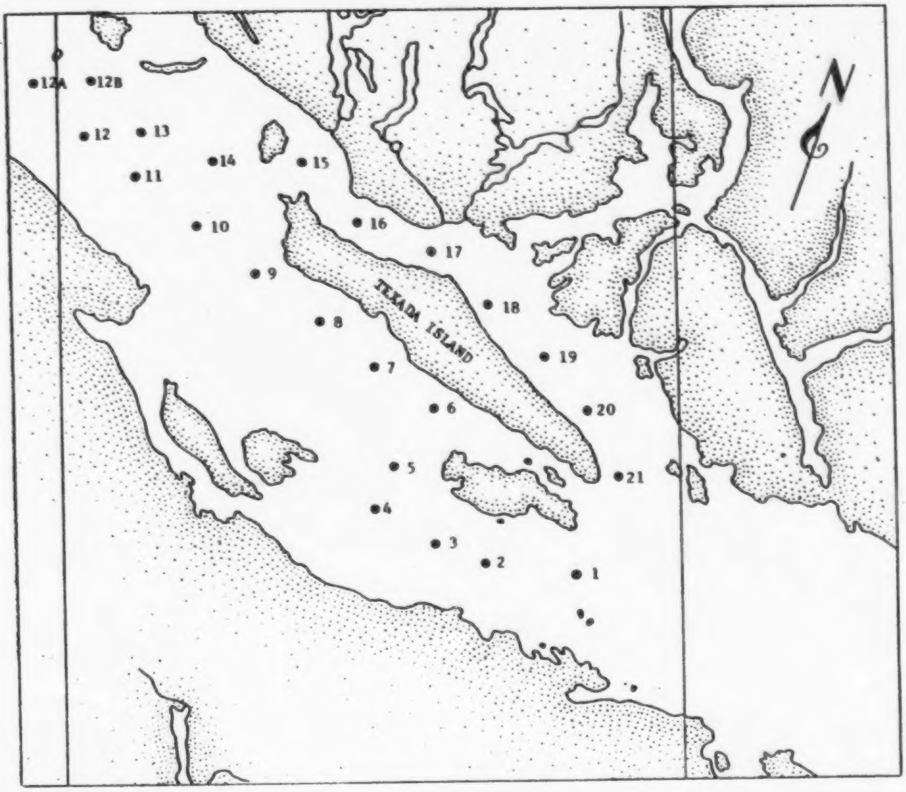

FIGURE 3. Sampling station locations for the 1980 Georgia Strait Ichthyoplankton Survey, northern cruise.